

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/29/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	31.67	33.12	31.94	29.98	34.05	38.76	38.41	32.55	39.27	48.45	55.74	57.88	56.53	55.47	56.43	52.37	55.40	54.69	51.36	56.66	49.33	44.72	40.16	44.23
24138	1.43	1.56	1.38	1.28	1.41	1.65	1.62	1.46	1.53	1.87	1.79	1.46	1.77	1.88	2.15	2.04	2.23	2.16	2.01	2.35	1.76	1.59	1.32	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.69	33.14	31.95	29.99	34.06	38.78	38.41	32.56	39.26	48.43	55.71	57.86	56.51	55.45	56.40	52.36	55.38	54.67	51.37	56.68	49.36	44.72	40.16	44.22
24260	1.45	1.58	1.39	1.29	1.41	1.66	1.62	1.47	1.52	1.85	1.76	1.44	1.75	1.85	2.11	2.02	2.21	2.15	2.02	2.36	1.79	1.59	1.32	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.69	33.14	31.95	29.99	34.06	38.78	38.41	32.56	39.26	48.43	55.71	57.86	56.51	55.45	56.40	52.36	55.38	54.67	51.37	56.68	49.36	44.72	40.16	44.22
24261	1.45	1.58	1.39	1.29	1.41	1.66	1.62	1.47	1.52	1.85	1.76	1.44	1.75	1.85	2.11	2.02	2.21	2.15	2.02	2.36	1.79	1.59	1.32	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.93	33.34	32.35	30.38	34.57	39.12	38.77	32.82	39.67	49.04	56.64	59.21	57.59	56.41	57.20	53.05	56.16	55.92	52.56	57.81	50.49	45.67	40.94	45.08
24011	1.69	1.77	1.79	1.68	1.93	2.01	1.98	1.73	1.94	2.46	2.69	2.80	2.83	2.82	2.91	2.72	2.99	3.40	3.21	3.49	2.92	2.52	2.10	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.19	33.56	32.58	30.61	34.82	39.30	38.97	33.00	39.90	49.31	56.97	59.54	57.95	56.72	57.53	53.33	56.51	56.42	53.05	58.33	50.93	46.01	41.21	45.40
23798	1.94	2.00	2.02	1.91	2.18	2.19	2.18	1.92	2.16	2.73	3.02	3.12	3.19	3.12	3.24	3.00	3.33	3.90	3.70	4.01	3.36	2.87	2.37	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.93	33.34	32.35	30.38	34.57	39.12	38.77	32.82	39.67	49.04	56.64	59.21	57.59	56.41	57.20	53.05	56.16	55.92	52.56	57.81	50.49	45.67	40.94	45.08
24028	1.69	1.77	1.79	1.68	1.93	2.01	1.98	1.73	1.94	2.46	2.69	2.80	2.83	2.82	2.91	2.72	2.99	3.40	3.21	3.49	2.92	2.52	2.10	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.32	32.85	32.05	30.10	34.24	38.79	38.23	32.32	38.81	47.86	55.28	57.73	56.23	55.01	55.81	51.70	54.64	54.34	50.90	55.96	48.93	44.41	39.88	44.00
23527	1.08	1.29	1.49	1.40	1.59	1.68	1.44	1.23	1.07	1.28	1.33	1.31	1.47	1.41	1.52	1.37	1.47	1.82	1.55	1.65	1.36	1.27	1.04	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.55	31.92	30.97	29.15	33.04	37.56	37.09	31.24	37.55	46.31	53.46	55.79	54.34	53.24	53.97	50.10	52.92	52.45	49.23	54.17	47.33	42.93	38.65	42.58
24190	0.31	0.36	0.41	0.46	0.40	0.44	0.30	0.15	-0.19	-0.27	-0.49	-0.63	-0.42	-0.36	-0.31	-0.24	-0.25	-0.07	-0.12	-0.14	-0.24	-0.21	-0.19	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.53	31.78	30.75	28.88	32.85	37.33	37.08	31.21	38.12	47.21	54.92	57.53	55.67	54.40	55.09	51.09	53.91	53.29	49.99	54.95	48.24	43.81	39.46	43.48
355683	0.29	0.22	0.19	0.18	0.21	0.22	0.29	0.12	0.38	0.63	0.97	1.12	0.91	0.81	0.80	0.76	0.74	0.77	0.64	0.63	0.67	0.67	0.62	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	30.97	32.37	31.40	29.54	33.54	38.11	37.69	31.79	38.31	47.21	54.54	56.88	55.41	54.32	55.02	51.09	54.01	53.56	50.32	55.39	48.42	43.90	39.50	43.51
323833	0.73	0.81	0.84	0.84	0.90	1.00	0.90	0.70	0.57	0.63	0.59	0.46	0.65	0.72	0.74	0.76	0.84	1.03	0.97	1.08	0.85	0.76	0.66	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.97	32.36	31.39	29.53	33.54	38.11	37.69	31.78	38.30	47.20	54.52	56.87	55.40	54.30	55.01	51.08	54.00	53.54	50.30	55.37	48.41	43.89	39.50	43.49
323834	0.73	0.80	0.84	0.82	0.90	0.99	0.90	0.69	0.56	0.62	0.58	0.45	0.63	0.70	0.72	0.75	0.82	1.02	0.95	1.05	0.84	0.75	0.66	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.55	31.92	30.97	29.15	33.04	37.56	37.09	31.24	37.55	46.31	53.46	55.79	54.34	53.24	53.97	50.10	52.92	52.45	49.23	54.17	47.33	42.93	38.65	42.58
23571	0.31	0.36	0.41	0.46	0.40	0.44	0.30	0.15	-0.19	-0.27	-0.49	-0.63	-0.42	-0.36	-0.31	-0.24	-0.25	-0.07	-0.12	-0.14	-0.24	-0.21	-0.19	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.55 0.31 0.00	31.92 0.36 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.24 0.15 0.00	37.55 -0.19 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.34 -0.42 0.00	53.24 -0.36 0.00	53.97 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.22 0.00
ALBANY___3 23573	30.55 0.31 0.00	31.92 0.36 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.24 0.15 0.00	37.55 -0.19 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.34 -0.42 0.00	53.24 -0.36 0.00	53.97 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.22 0.00
ALBANY___4 23574	30.55 0.31 0.00	31.92 0.36 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.24 0.15 0.00	37.55 -0.19 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.34 -0.42 0.00	53.24 -0.36 0.00	53.97 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.22 0.00
ALBANY___LFGE 323615	30.79 0.55 0.00	32.17 0.61 0.00	31.22 0.66 0.00	29.37 0.68 0.00	33.31 0.67 0.00	37.86 0.74 0.00	37.41 0.63 0.00	31.53 0.45 0.00	37.95 0.21 0.00	46.83 0.24 0.00	54.05 0.10 0.00	56.45 0.03 0.00	54.97 0.20 0.00	53.85 0.26 0.00	54.60 0.31 0.00	50.67 0.33 0.00	53.52 0.35 0.00	53.04 0.52 0.00	49.78 0.43 0.00	54.80 0.48 0.00	47.87 0.31 0.00	43.42 0.28 0.00	39.09 0.24 0.00	43.04 0.23 0.00
ALCOA_PA_115KV_PL-6C 55860	30.58 0.34 0.00	31.83 0.27 0.00	30.81 0.24 0.00	28.94 0.24 0.00	32.89 0.24 0.00	37.39 0.28 0.00	37.16 0.37 0.00	31.25 0.17 0.00	38.21 0.47 0.00	47.36 0.78 0.00	55.06 1.11 0.00	57.65 1.23 0.00	55.78 1.02 0.00	54.50 0.90 0.00	55.19 0.90 0.00	51.19 0.85 0.00	54.01 0.84 0.00	53.40 0.87 0.00	50.11 0.76 0.00	55.10 0.79 0.00	48.36 0.80 0.00	43.91 0.78 0.00	39.56 0.72 0.00	43.57 0.77 0.00
ALCOA_RYNLDS___DRP 24188	30.58 0.34 0.00	31.83 0.27 0.00	30.81 0.24 0.00	28.94 0.24 0.00	32.89 0.24 0.00	37.39 0.28 0.00	37.16 0.37 0.00	31.25 0.17 0.00	38.21 0.47 0.00	47.36 0.78 0.00	55.06 1.11 0.00	57.65 1.23 0.00	55.78 1.02 0.00	54.50 0.90 0.00	55.19 0.90 0.00	51.19 0.85 0.00	54.01 0.84 0.00	53.40 0.87 0.00	50.11 0.76 0.00	55.10 0.79 0.00	48.36 0.80 0.00	43.91 0.78 0.00	39.56 0.72 0.00	43.57 0.77 0.00
ALCOA___DSASP 323711	30.58 0.34 0.00	31.83 0.27 0.00	30.81 0.24 0.00	28.94 0.24 0.00	32.89 0.24 0.00	37.39 0.28 0.00	37.16 0.37 0.00	31.25 0.17 0.00	38.21 0.47 0.00	47.35 0.78 0.00	55.06 1.11 0.00	57.65 1.23 0.00	55.78 1.02 0.00	54.50 0.90 0.00	55.19 0.90 0.00	51.19 0.85 0.00	54.01 0.84 0.00	53.40 0.87 0.00	50.11 0.76 0.00	55.11 0.79 0.00	48.36 0.80 0.00	43.91 0.77 0.00	39.56 0.72 0.00	43.57 0.77 0.00
ALLEGHENY___COGEN 23514	35.96 -1.02 -6.74	53.41 -1.28 -23.13	36.53 -1.25 -7.21	27.48 -1.22 0.00	31.39 -1.25 0.00	35.85 -1.26 0.00	35.64 -1.14 0.00	51.16 -0.94 -21.00	65.91 -0.77 -28.93	56.95 -1.16 -11.54	53.10 -0.85 0.00	56.33 -0.09 0.00	53.62 -1.15 0.00	52.77 -0.83 0.00	53.30 -0.99 0.00	49.47 -0.86 0.00	52.42 -0.75 0.00	51.79 -0.73 0.00	49.63 0.28 0.00	55.07 0.75 0.00	48.77 1.20 0.00	44.08 0.94 0.00	39.80 0.96 0.00	43.46 0.66 0.00
ALTAMONT_115KV_TB 2 55880	30.74 0.50 0.00	32.14 0.57 0.00	31.15 0.59 0.00	29.27 0.57 0.00	33.26 0.61 0.00	37.80 0.68 0.00	37.39 0.60 0.00	31.59 0.50 0.00	38.11 0.37 0.00	47.00 0.42 0.00	54.27 0.32 0.00	56.65 0.23 0.00	55.13 0.37 0.00	54.02 0.42 0.00	54.76 0.47 0.00	50.79 0.45 0.00	53.67 0.50 0.00	53.12 0.60 0.00	49.91 0.55 0.00	54.93 0.62 0.00	48.02 0.45 0.00	43.56 0.42 0.00	39.19 0.35 0.00	43.18 0.37 0.00
ALTONA_WT_PWR 323606	30.57 0.33 0.00	31.77 0.21 0.00	30.55 0.00 0.00	28.58 -0.12 0.00	32.50 -0.14 0.00	36.87 -0.24 0.00	36.73 -0.06 0.00	30.86 -0.23 0.00	37.83 0.09 0.00	46.93 0.35 0.00	54.97 1.02 0.00	57.71 1.29 0.00	56.23 1.47 0.00	54.95 1.35 0.00	55.58 1.30 0.00	51.51 1.18 0.00	54.41 1.24 0.00	54.06 1.53 0.00	50.79 1.44 0.00	55.85 1.53 0.00	48.90 1.33 0.00	44.17 1.04 0.00	39.56 0.72 0.00	43.46 0.65 0.00
AMERICAN_REF_FUEL 24010	26.01 -2.71 1.52	22.74 -3.14 5.68	24.87 -2.80 2.89	26.05 -2.64 0.00	29.81 -2.83 0.00	33.94 -3.18 0.00	33.48 -3.31 0.00	23.26 -3.08 4.74	28.26 -2.95 6.53	40.05 -3.93 2.61	49.98 -3.97 0.00	53.04 -3.38 0.00	50.37 -4.39 0.00	49.10 -4.49 0.00	49.69 -4.60 0.00	46.42 -3.91 0.00	48.85 -4.31 0.00	48.02 -4.51 0.00	45.74 -3.61 0.00	50.29 -4.03 0.00	44.72 -2.85 0.00	40.54 -2.60 0.00	36.96 -1.88 0.00	40.53 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.33 -3.24 0.68	25.09 -3.68 2.79	25.10 -3.44 2.02	25.46 -3.24 0.00	29.14 -3.51 0.00	33.25 -3.87 0.00	33.15 -3.64 0.00	25.72 -3.26 2.11	31.36 -3.47 2.90	41.11 -4.31 1.16	50.49 -3.46 0.00	54.16 -2.26 0.00	51.84 -2.92 0.00	49.40 -4.20 0.00	50.38 -3.91 0.00	47.12 -3.21 0.00	50.22 -2.95 0.00	49.39 -3.13 0.00	47.35 -2.00 0.00	52.51 -1.80 0.00	46.82 -0.75 0.00	42.55 -0.59 0.00	38.34 -0.50 0.00	41.55 -1.26 0.00
ARTHUR KILL_GT_1 23520	51.34 1.49 -19.61	50.81 1.64 -17.61	50.65 1.39 -18.70	50.18 1.28 -20.20	50.00 1.41 -15.95	50.20 1.66 -11.42	50.20 1.62 -11.79	50.01 1.41 -17.51	50.56 1.50 -11.33	50.62 1.80 -2.24	55.40 1.45 0.00	57.52 1.10 0.00	74.33 1.57 -18.00	57.46 1.67 -2.20	58.40 1.98 -2.14	52.21 1.87 -0.01	75.25 2.10 -19.99	54.54 2.01 -0.01	58.73 1.84 -7.54	58.54 2.11 -2.12	55.44 1.61 -6.26	52.09 1.49 -7.45	46.75 1.27 -6.63	46.72 1.32 -2.59
ARTHUR_KILL_2 23512	51.27 1.42 -19.61	50.73 1.56 -17.61	50.58 1.32 -18.70	50.11 1.21 -20.20	49.92 1.33 -15.95	50.11 1.57 -11.42	50.09 1.52 -11.79	49.94 1.34 -17.51	50.47 1.40 -11.33	50.51 1.69 -2.24	55.29 1.34 0.00	57.40 0.98 0.00	74.22 1.46 -18.00	57.35 1.56 -2.20	58.26 1.84 -2.14	52.08 1.74 -0.01	75.11 1.96 -19.99	54.39 1.86 -0.01	58.59 1.69 -7.54	58.39 1.96 -2.12	55.29 1.47 -6.26	51.98 1.38 -7.45	46.63 1.16 -6.63	46.60 1.20 -2.59
ARTHUR_KILL_3 23513	51.09 1.06 -19.79	50.37 1.19 -17.62	50.30 1.03 -18.71	49.87 0.96 -20.21	49.89 1.04 -16.21	49.77 1.23 -11.42	49.82 1.18 -11.84	50.06 1.07 -17.90	50.17 1.06 -11.36	50.13 1.27 -2.29	55.01 1.06 0.00	57.05 0.63 0.00	55.73 0.97 0.00	54.71 1.11 0.00	55.65 1.36 0.00	51.65 1.32 0.00	54.64 1.47 0.00	53.93 1.41 0.00	50.69 1.34 0.00	55.91 1.59 0.00	48.67 1.11 0.00	51.57 0.98 -7.45	46.26 0.80 -6.62	46.25 0.86 -2.58

ARTHUR_KILL_COGEN 323718	51.34 1.49 -19.61	50.81 1.64 -17.61	50.65 1.39 -18.70	50.18 1.28 -20.20	50.00 1.41 -15.95	50.20 1.66 -11.42	50.20 1.62 -11.79	50.01 1.41 -17.51	50.56 1.50 -11.33	50.62 1.80 -2.24	55.40 1.45 0.00	57.52 1.10 0.00	74.33 1.57 -18.00	57.46 1.67 -2.20	58.40 1.98 -2.14	52.21 1.87 -0.01	75.25 2.10 -19.99	54.54 2.01 -0.01	58.73 1.84 -7.54	58.54 2.11 -2.12	55.44 1.61 -6.26	52.09 1.49 -7.45	46.75 1.27 -6.63	46.72 1.32 -2.59
ASHOKAN____ 23654	31.54 1.30 0.00	32.95 1.39 0.00	31.88 1.32 0.00	29.95 1.25 0.00	34.03 1.39 0.00	38.72 1.61 0.00	38.36 1.57 0.00	32.47 1.38 0.00	39.15 1.41 0.00	48.36 1.78 0.00	55.61 1.66 0.00	58.27 1.85 0.00	56.69 1.93 0.00	55.57 1.98 0.00	56.43 2.14 0.00	52.50 2.17 0.00	55.48 2.31 0.00	55.04 2.51 0.00	51.80 2.45 0.00	57.11 2.80 0.00	49.82 2.25 0.00	45.08 1.95 0.00	40.47 1.63 0.00	44.46 1.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.35 1.10 -0.01	32.84 1.27 -0.01	31.65 1.09 -0.01	29.72 1.02 -0.01	33.71 1.07 0.00	38.41 1.28 -0.01	38.07 1.27 -0.01	32.23 1.13 -0.01	38.87 1.13 0.00	47.89 1.31 0.00	55.08 1.13 0.00	57.18 0.76 0.00	55.87 1.11 0.00	54.81 1.22 0.00	55.71 1.42 0.00	51.71 1.38 0.00	54.70 1.53 0.00	54.07 1.49 -0.06	50.73 1.38 0.01	55.93 1.62 0.01	48.67 1.11 0.01	44.13 0.99 0.00	39.66 0.83 0.01	43.63 0.82 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.35 1.10 -0.01	32.84 1.27 -0.01	31.65 1.09 -0.01	29.72 1.02 -0.01	33.71 1.07 0.00	38.41 1.28 -0.01	38.07 1.27 -0.01	32.23 1.13 -0.01	38.87 1.13 0.00	47.89 1.31 0.00	55.08 1.13 0.00	57.18 0.76 0.00	55.87 1.11 0.00	54.81 1.22 0.00	55.70 1.42 0.00	51.71 1.38 0.00	54.70 1.53 0.00	54.07 1.49 -0.06	50.73 1.38 0.01	55.93 1.62 0.01	48.67 1.11 0.01	44.13 0.99 0.00	39.66 0.83 0.01	43.63 0.82 0.00
ASTORIA_GT2_1 24094	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT2_2 24095	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT2_3 24096	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT2_4 24097	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT3_1 24098	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT3_2 24099	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT3_3 24100	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT3_4 24101	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT4_1 24102	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT4_2 24103	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT4_3 24104	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00

ASTORIA_GT4_4 24105	31.36 1.12 -0.01	32.85 1.28 -0.01	31.67 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.43 1.30 -0.01	38.08 1.29 -0.01	32.25 1.16 -0.01	38.90 1.16 0.00	47.95 1.37 0.00	55.11 1.16 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.74 1.41 0.00	54.74 1.57 0.00	54.11 1.53 -0.06	50.75 1.41 0.01	55.97 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.85 0.00
ASTORIA_GT_1 23523	31.41 1.16 -0.01	32.89 1.33 -0.01	31.71 1.14 -0.01	29.77 1.07 -0.01	33.77 1.13 0.00	38.47 1.35 -0.01	38.13 1.34 -0.01	32.29 1.19 -0.01	38.94 1.20 0.00	47.98 1.40 0.00	55.19 1.24 0.00	57.30 0.88 0.00	55.98 1.22 0.00	54.92 1.33 0.00	55.82 1.54 0.00	51.82 1.49 0.00	54.81 1.64 0.00	54.18 1.60 -0.06	50.84 1.49 0.01	56.04 1.73 0.01	48.77 1.21 0.01	44.22 1.08 0.00	39.74 0.91 0.01	43.72 0.91 0.00
ASTORIA_GT_10 24110	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.16 1.42 0.00	48.29 1.71 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.55 0.00	55.24 1.65 0.00	56.17 1.88 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.49 1.97 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
ASTORIA_GT_11 24225	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.16 1.42 0.00	48.29 1.71 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.55 0.00	55.24 1.65 0.00	56.17 1.88 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.49 1.97 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
ASTORIA_GT_12 24226	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.16 1.42 0.00	48.29 1.71 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.55 0.00	55.24 1.65 0.00	56.17 1.88 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.49 1.97 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
ASTORIA_GT_13 24227	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.16 1.42 0.00	48.29 1.71 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.55 0.00	55.24 1.65 0.00	56.17 1.88 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.49 1.97 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
ASTORIA_GT_5 24106	31.41 1.16 -0.01	32.90 1.34 -0.01	31.72 1.15 -0.01	29.77 1.07 -0.01	33.77 1.13 0.00	38.47 1.35 -0.01	38.13 1.34 -0.01	32.29 1.20 -0.01	38.95 1.20 0.00	48.03 1.45 0.00	55.19 1.24 0.00	57.30 0.88 0.00	55.99 1.23 0.00	54.92 1.32 0.00	55.82 1.53 0.00	51.82 1.49 0.00	54.82 1.65 0.00	54.20 1.62 -0.06	50.84 1.49 0.01	56.04 1.74 0.01	48.77 1.21 0.01	44.22 1.08 0.00	39.74 0.91 0.01	43.72 0.92 0.00
ASTORIA_GT_7 24107	31.41 1.16 -0.01	32.90 1.34 -0.01	31.72 1.15 -0.01	29.77 1.07 -0.01	33.77 1.13 0.00	38.47 1.35 -0.01	38.13 1.34 -0.01	32.29 1.20 -0.01	38.95 1.20 0.00	48.03 1.45 0.00	55.19 1.24 0.00	57.30 0.88 0.00	55.99 1.23 0.00	54.92 1.32 0.00	55.82 1.53 0.00	51.82 1.49 0.00	54.82 1.65 0.00	54.20 1.62 -0.06	50.84 1.49 0.01	56.04 1.74 0.01	48.77 1.21 0.01	44.22 1.08 0.00	39.74 0.91 0.01	43.72 0.92 0.00
ASTORIA_GT_8 24108	31.41 1.16 -0.01	32.90 1.34 -0.01	31.72 1.15 -0.01	29.77 1.07 -0.01	33.77 1.13 0.00	38.47 1.35 -0.01	38.13 1.34 -0.01	32.29 1.20 -0.01	38.95 1.20 0.00	48.03 1.45 0.00	55.19 1.24 0.00	57.30 0.88 0.00	55.99 1.23 0.00	54.92 1.32 0.00	55.82 1.53 0.00	51.82 1.49 0.00	54.82 1.65 0.00	54.20 1.62 -0.06	50.84 1.49 0.01	56.04 1.74 0.01	48.77 1.21 0.01	44.22 1.08 0.00	39.74 0.91 0.01	43.72 0.92 0.00
ASTORIA___2 24149	31.36 1.12 -0.01	32.85 1.29 -0.01	31.66 1.10 -0.01	29.73 1.03 -0.01	33.73 1.09 0.00	38.42 1.30 -0.01	38.08 1.28 -0.01	32.25 1.15 -0.01	38.89 1.15 0.00	47.92 1.34 0.00	55.12 1.17 0.00	57.21 0.79 0.00	55.89 1.13 0.00	54.84 1.24 0.00	55.72 1.44 0.00	51.74 1.41 0.00	54.75 1.58 0.00	54.09 1.51 -0.06	50.75 1.41 0.01	55.96 1.66 0.01	48.70 1.14 0.01	44.16 1.02 0.00	39.69 0.86 0.01	43.66 0.86 0.00
ASTORIA___3 23516	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.46 1.37 -0.01	39.16 1.42 0.00	48.26 1.69 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.54 0.00	55.25 1.65 0.00	56.16 1.87 0.00	52.16 1.83 0.00	55.18 2.01 0.00	54.48 1.96 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.63 1.43 -0.07	40.04 1.19 0.00	44.06 1.25 0.00
ASTORIA___4 23517	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.16 1.42 0.00	48.29 1.71 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.55 0.00	55.24 1.65 0.00	56.17 1.88 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.49 1.97 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
ASTORIA___5 23518	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.46 1.37 -0.01	39.16 1.42 0.00	48.26 1.69 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.54 0.00	55.25 1.65 0.00	56.16 1.87 0.00	52.16 1.83 0.00	55.18 2.01 0.00	54.48 1.96 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.63 1.43 -0.07	40.04 1.19 0.00	44.06 1.25 0.00
AST_ENERGY_2_CC3 323677	31.44 1.21 0.00	32.90 1.34 0.00	31.73 1.17 0.00	29.78 1.08 0.00	33.83 1.18 0.00	38.51 1.39 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.20 0.00	48.02 1.44 0.00	55.24 1.29 0.00	57.34 0.92 0.00	56.00 1.24 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.90 1.57 0.00	54.89 1.72 0.00	54.20 1.67 0.00	50.89 1.54 0.00	56.14 1.83 0.00	48.88 1.31 0.00	44.31 1.17 0.00	39.80 0.95 0.00	43.83 1.03 0.00
AST_ENERGY_2_CC4 323678	31.44 1.21 0.00	32.90 1.34 0.00	31.73 1.17 0.00	29.78 1.08 0.00	33.83 1.18 0.00	38.51 1.39 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.20 0.00	48.02 1.44 0.00	55.24 1.29 0.00	57.34 0.92 0.00	56.00 1.24 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.90 1.57 0.00	54.89 1.72 0.00	54.20 1.67 0.00	50.89 1.54 0.00	56.14 1.83 0.00	48.88 1.31 0.00	44.31 1.17 0.00	39.80 0.95 0.00	43.83 1.03 0.00

ATHENS_STG_1 23668	30.82 0.59 0.00	32.25 0.68 0.00	31.21 0.65 0.00	29.30 0.60 0.00	33.30 0.66 0.00	37.86 0.75 0.00	37.47 0.68 0.00	31.71 0.62 0.00	38.23 0.49 0.00	47.12 0.54 0.00	54.37 0.42 0.00	56.67 0.25 0.00	55.21 0.45 0.00	54.12 0.53 0.00	54.89 0.60 0.00	50.93 0.60 0.00	53.85 0.67 0.00	53.26 0.74 0.00	50.03 0.68 0.00	55.10 0.78 0.00	48.13 0.57 0.00	43.67 0.53 0.00	39.25 0.41 0.00	43.25 0.44 0.00
ATHENS_STG_2 23670	30.82 0.59 0.00	32.25 0.68 0.00	31.21 0.65 0.00	29.30 0.60 0.00	33.30 0.66 0.00	37.86 0.75 0.00	37.47 0.68 0.00	31.71 0.62 0.00	38.23 0.49 0.00	47.12 0.54 0.00	54.37 0.42 0.00	56.67 0.25 0.00	55.21 0.45 0.00	54.12 0.53 0.00	54.89 0.60 0.00	50.93 0.60 0.00	53.85 0.67 0.00	53.26 0.74 0.00	50.03 0.68 0.00	55.10 0.78 0.00	48.13 0.57 0.00	43.67 0.53 0.00	39.25 0.41 0.00	43.25 0.44 0.00
ATHENS_STG_3 23677	30.82 0.59 0.00	32.25 0.68 0.00	31.21 0.65 0.00	29.30 0.60 0.00	33.30 0.66 0.00	37.86 0.75 0.00	37.47 0.68 0.00	31.71 0.62 0.00	38.23 0.49 0.00	47.12 0.54 0.00	54.37 0.42 0.00	56.67 0.25 0.00	55.21 0.45 0.00	54.12 0.53 0.00	54.89 0.60 0.00	50.93 0.60 0.00	53.85 0.67 0.00	53.26 0.74 0.00	50.03 0.68 0.00	55.10 0.78 0.00	48.13 0.57 0.00	43.67 0.53 0.00	39.25 0.41 0.00	43.25 0.44 0.00
AUBURN___LFGE 323710	29.97 -0.27 0.00	31.45 -0.24 -0.14	30.71 -0.23 -0.38	28.44 -0.26 0.00	32.40 -0.25 0.00	36.93 -0.19 0.00	36.54 -0.25 0.00	30.92 -0.16 0.00	37.74 0.00 0.00	46.52 -0.06 0.00	53.99 0.04 0.00	56.57 0.16 0.00	54.81 0.05 0.00	53.59 0.00 0.00	54.25 -0.04 0.00	50.30 -0.03 0.00	53.27 0.10 0.00	52.51 -0.01 0.00	49.53 0.19 0.00	54.55 0.24 0.00	47.83 0.26 0.00	43.33 0.19 0.00	38.91 0.07 0.00	42.92 0.11 0.00
BABYLON_RES_REC 323704	31.79 1.54 0.00	33.27 1.71 0.00	32.07 1.51 0.00	30.10 1.41 0.00	34.10 1.46 0.00	38.91 1.79 0.00	38.71 1.92 0.00	32.82 1.74 0.00	39.14 1.40 0.00	48.00 1.42 0.00	55.35 1.40 0.00	56.92 0.50 0.00	55.52 0.76 0.00	54.39 0.80 0.00	55.37 1.09 0.00	52.15 1.81 0.00	55.16 1.99 0.00	55.11 2.07 -0.51	51.10 1.75 0.00	57.44 2.16 -0.97	49.12 1.55 0.00	44.62 1.48 0.00	39.94 1.10 0.00	44.19 1.39 0.00
BABYLON__69_KV_BK2 356345	32.03 1.79 0.00	33.54 1.98 0.00	32.31 1.75 0.00	30.34 1.64 0.00	34.35 1.71 0.00	39.22 2.11 0.00	39.05 2.26 0.00	33.12 2.04 0.00	39.45 1.71 0.00	48.37 1.79 0.00	55.71 1.77 0.00	57.22 0.80 0.00	55.79 1.03 0.00	54.64 1.04 0.00	55.77 1.48 0.00	52.57 2.24 0.00	55.60 2.43 0.00	55.60 2.59 -0.49	51.57 2.22 0.00	57.97 2.71 -0.95	49.59 2.03 0.00	45.06 1.92 0.00	40.29 1.45 0.00	44.61 1.80 0.00
BALL_HILL_WT_PWR 323825	26.62 -2.64 0.98	24.70 -3.04 3.83	25.39 -2.82 2.35	26.04 -2.66 0.00	29.81 -2.84 0.00	33.97 -3.15 0.00	33.82 -2.97 0.00	25.35 -2.69 3.05	30.76 -2.78 4.20	41.37 -3.54 1.68	50.94 -3.00 0.00	54.26 -2.16 0.00	51.97 -2.79 0.00	50.03 -3.57 0.00	50.72 -3.57 0.00	47.33 -3.00 0.00	50.27 -2.90 0.00	49.46 -3.06 0.00	47.27 -2.09 0.00	52.32 -2.00 0.00	46.44 -1.12 0.00	42.11 -1.03 0.00	38.08 -0.76 0.00	41.50 -1.31 0.00
BARON_WINDS___WT_PWR 323822	12.02 -2.64 15.58	-26.89 -2.99 55.46	5.45 -2.91 22.20	25.97 -2.72 0.01	29.65 -3.00 0.00	33.89 -3.23 0.00	33.61 -3.18 0.00	-20.15 -2.69 48.56	-32.43 -3.29 66.88	15.98 -3.92 26.68	50.33 -3.62 0.00	53.54 -2.88 0.00	51.47 -3.29 0.00	50.65 -2.95 0.00	51.20 -3.09 0.00	47.17 -3.16 0.00	50.20 -2.97 0.00	49.89 -2.64 0.00	47.47 -1.88 0.00	52.56 -1.76 0.00	46.39 -1.18 0.00	42.02 -1.12 0.00	38.04 -0.80 0.00	41.59 -1.22 0.00
BARRETT_IC_1 23704	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_10 23701	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.42 1.12 -0.01	51.97 1.62 -0.02	54.90 1.71 -0.01	53.80 1.53 0.24	50.65 1.29 -0.01	59.22 1.62 -3.28	48.69 1.12 0.00	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_11 23702	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.42 1.12 -0.01	51.97 1.62 -0.02	54.90 1.71 -0.01	53.80 1.53 0.24	50.65 1.29 -0.01	59.22 1.62 -3.28	48.69 1.12 0.00	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_12 23703	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.42 1.12 -0.01	51.97 1.62 -0.02	54.90 1.71 -0.01	53.80 1.53 0.24	50.65 1.29 -0.01	59.22 1.62 -3.28	48.69 1.12 0.00	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_2 23705	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_3 23706	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_4 23707	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00

BARRETT_IC_5 23708	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_6 23709	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_7 23710	31.67 1.40 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.57 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.81 1.07 0.00	47.74 1.16 0.00	55.04 1.09 0.00	56.94 0.52 0.00	55.51 0.75 0.00	54.51 0.91 0.00	55.45 1.13 -0.03	52.02 1.61 -0.07	54.91 1.68 -0.06	60.22 1.52 -6.18	50.68 1.29 -0.03	65.65 1.62 -9.72	48.71 1.11 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_8 23711	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT_IC_9 23700	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.42 1.12 -0.01	51.97 1.62 -0.02	54.90 1.71 -0.01	53.80 1.53 0.24	50.65 1.29 -0.01	59.22 1.62 -3.28	48.69 1.12 0.00	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT___1 23545	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.44 1.12 -0.03	52.03 1.62 -0.07	54.94 1.71 -0.06	60.23 1.53 -6.18	50.67 1.29 -0.03	65.65 1.62 -9.72	48.71 1.12 -0.02	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BARRETT___2 23546	31.66 1.39 -0.03	33.14 1.58 0.00	31.95 1.39 0.00	29.97 1.27 0.00	33.98 1.33 0.00	38.68 1.56 0.00	38.33 1.54 0.00	32.47 1.39 0.00	38.80 1.06 0.00	47.72 1.14 0.00	55.04 1.09 0.00	56.93 0.52 0.00	55.51 0.75 0.00	54.51 0.92 0.00	55.42 1.12 -0.01	51.97 1.62 -0.02	54.90 1.71 -0.01	53.80 1.53 0.24	50.65 1.29 -0.01	59.22 1.62 -3.28	48.69 1.12 0.00	44.18 1.05 0.00	39.60 0.76 0.00	43.82 1.01 0.00
BATAVIA__115KV_TB1 55881	27.65 -1.39 1.20	25.36 -1.69 4.52	26.71 -1.49 2.36	27.27 -1.43 0.00	31.18 -1.46 0.00	35.57 -1.55 0.00	35.22 -1.57 0.00	25.87 -1.46 3.75	31.52 -1.05 5.17	43.01 -1.51 2.06	52.81 -1.14 0.00	55.86 -0.56 0.00	53.14 -1.62 0.00	51.82 -1.78 0.00	52.50 -1.79 0.00	49.08 -1.25 0.00	51.70 -1.47 0.00	50.91 -1.61 0.00	48.43 -0.92 0.00	53.29 -1.03 0.00	47.23 -0.34 0.00	42.69 -0.45 0.00	38.74 -0.10 0.00	42.41 -0.39 0.00
BAYONEEC___CTG1 323682	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG10 323750	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG2 323683	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG3 323684	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG4 323685	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG5 323686	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG6 323687	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00

BAYONEEC___CTG7 323688	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG8 323689	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BAYONEEC___CTG9 323749	31.43 1.19 0.00	32.88 1.32 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.29 1.21 0.00	38.95 1.21 0.00	48.03 1.45 0.00	55.24 1.29 0.00	57.33 0.91 0.00	55.99 1.23 0.00	54.96 1.36 0.00	55.89 1.60 0.00	51.89 1.55 0.00	54.89 1.72 0.00	54.19 1.67 0.00	50.89 1.54 0.00	56.15 1.83 0.00	48.88 1.32 0.00	44.32 1.18 0.00	39.81 0.97 0.00	43.84 1.04 0.00
BEACON___LESR 323632	30.91 0.67 0.00	32.33 0.77 0.00	31.35 0.79 0.00	29.49 0.79 0.00	33.41 0.77 0.00	38.00 0.88 0.00	37.61 0.82 0.00	31.72 0.63 0.00	38.19 0.45 0.00	47.18 0.60 0.00	54.43 0.48 0.00	56.88 0.46 0.00	55.30 0.53 0.00	54.24 0.64 0.00	54.95 0.67 0.00	50.98 0.64 0.00	53.92 0.75 0.00	53.41 0.89 0.00	50.04 0.69 0.00	55.31 0.99 0.00	48.21 0.64 0.00	43.69 0.55 0.00	39.32 0.48 0.00	43.28 0.47 0.00
BEAVER RIVER___HYD 24048	30.47 0.23 0.00	31.84 0.27 0.00	30.88 0.32 0.00	28.94 0.24 0.00	33.05 0.41 0.00	37.75 0.63 0.00	37.46 0.67 0.00	31.73 0.65 0.00	38.60 0.86 0.00	47.92 1.34 0.00	55.59 1.65 0.00	58.09 1.67 0.00	56.25 1.49 0.00	54.91 1.31 0.00	55.77 1.48 0.00	51.66 1.32 0.00	54.53 1.36 0.00	53.89 1.37 0.00	50.77 1.42 0.00	55.90 1.58 0.00	48.93 1.36 0.00	44.25 1.11 0.00	39.73 0.88 0.00	43.63 0.82 0.00
BEEBEE_GT_13 23619	29.07 -1.17 0.00	30.03 -1.32 0.22	28.74 -1.22 0.60	27.50 -1.20 0.00	31.39 -1.25 0.00	35.76 -1.36 0.00	35.45 -1.33 0.00	29.94 -1.15 0.00	36.85 -0.90 0.00	45.29 -1.29 0.00	52.85 -1.10 0.00	55.72 -0.70 0.00	53.43 -1.33 0.00	52.20 -1.40 0.00	52.80 -1.49 0.00	49.16 -1.18 0.00	51.83 -1.34 0.00	51.02 -1.50 0.00	48.34 -1.01 0.00	53.25 -1.07 0.00	46.98 -0.59 0.00	42.50 -0.64 0.00	38.43 -0.41 0.00	42.19 -0.61 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.54 1.69 -19.61	51.00 1.83 -17.61	50.86 1.59 -18.70	50.37 1.46 -20.20	50.21 1.61 -15.95	50.43 1.90 -11.42	50.44 1.86 -11.79	50.25 1.65 -17.51	50.86 1.79 -11.33	51.02 2.21 -2.24	56.01 2.06 0.00	58.19 1.77 0.00	74.90 2.14 -18.00	58.04 2.24 -2.20	58.93 2.50 -2.14	52.71 2.37 -0.01	75.76 2.60 -19.99	55.07 2.54 -0.01	59.27 2.38 -7.54	59.15 2.72 -2.12	58.07 2.12 -8.38	52.52 1.93 -7.45	47.12 1.64 -6.63	47.12 1.72 -2.59
BETHLEHEM___GRP 23843	30.55 0.31 0.00	31.92 0.36 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.24 0.15 0.00	37.55 -0.19 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.34 -0.42 0.00	53.24 -0.36 0.00	53.97 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.22 0.00
BETHLEHEM___GS1 323560	30.55 0.31 0.00	31.91 0.35 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.23 0.14 0.00	37.54 -0.20 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.35 -0.42 0.00	53.24 -0.36 0.00	53.98 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.23 0.00
BETHLEHEM___GS2 323561	30.55 0.31 0.00	31.91 0.35 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.23 0.14 0.00	37.54 -0.20 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.35 -0.42 0.00	53.24 -0.36 0.00	53.98 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.23 0.00
BETHLEHEM___GS3 323562	30.55 0.31 0.00	31.91 0.35 0.00	30.97 0.41 0.00	29.15 0.46 0.00	33.04 0.40 0.00	37.56 0.44 0.00	37.09 0.30 0.00	31.23 0.14 0.00	37.54 -0.20 0.00	46.31 -0.27 0.00	53.46 -0.49 0.00	55.79 -0.63 0.00	54.35 -0.42 0.00	53.24 -0.36 0.00	53.98 -0.31 0.00	50.10 -0.24 0.00	52.92 -0.25 0.00	52.45 -0.07 0.00	49.23 -0.12 0.00	54.17 -0.14 0.00	47.33 -0.24 0.00	42.93 -0.21 0.00	38.65 -0.19 0.00	42.58 -0.23 0.00
BETHLEHEM___STEEL 23779	26.91 -2.11 1.22	24.48 -2.44 4.65	25.75 -2.22 2.59	26.60 -2.10 0.00	30.40 -2.24 0.00	34.65 -2.46 0.00	34.37 -2.43 0.00	25.02 -2.27 3.80	30.44 -2.07 5.23	41.72 -2.77 2.09	51.49 -2.46 0.00	54.63 -1.79 0.00	52.01 -2.75 0.00	50.68 -2.92 0.00	51.26 -3.03 0.00	47.85 -2.49 0.00	50.40 -2.77 0.00	49.56 -2.96 0.00	47.23 -2.12 0.00	52.03 -2.28 0.00	46.17 -1.39 0.00	41.77 -1.37 0.00	38.00 -0.84 0.00	41.60 -1.20 0.00
BETHLHEM_115KV_TB1 79974	30.58 0.34 0.00	31.96 0.40 0.00	31.01 0.44 0.00	29.17 0.47 0.00	33.08 0.43 0.00	37.59 0.48 0.00	37.15 0.36 0.00	31.30 0.21 0.00	37.66 -0.08 0.00	46.45 -0.13 0.00	53.62 -0.33 0.00	55.93 -0.49 0.00	54.49 -0.28 0.00	53.39 -0.21 0.00	54.13 -0.16 0.00	50.23 -0.10 0.00	53.08 -0.09 0.00	52.58 0.06 0.00	49.36 0.01 0.00	54.33 0.02 0.00	47.47 -0.10 0.00	43.05 -0.09 0.00	38.77 -0.08 0.00	42.70 -0.11 0.00
BETHPAGE_CC_5 323564	31.83 1.59 0.00	33.32 1.75 0.00	32.12 1.56 0.00	30.15 1.45 0.00	34.16 1.52 0.00	38.97 1.85 0.00	38.73 1.94 0.00	32.84 1.76 0.00	39.21 1.47 0.00	48.17 1.60 0.00	55.51 1.56 0.00	57.26 0.84 0.00	55.84 1.08 0.00	54.75 1.16 0.00	55.70 1.41 0.00	52.31 1.98 0.00	55.27 2.09 0.00	55.36 2.08 -0.75	51.07 1.72 0.00	57.74 2.08 -1.34	49.09 1.52 0.00	44.58 1.44 0.00	39.99 1.15 0.00	44.21 1.40 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.03 -2.08 1.12	24.81 -2.43 4.32	25.86 -2.21 2.49	26.61 -2.08 0.00	30.43 -2.22 0.00	34.68 -2.43 0.00	34.42 -2.37 0.00	25.35 -2.23 3.50	30.89 -2.03 4.82	41.97 -2.69 1.92	51.63 -2.32 0.00	54.75 -1.67 0.00	52.13 -2.63 0.00	50.81 -2.79 0.00	51.36 -2.93 0.00	47.93 -2.40 0.00	50.51 -2.66 0.00	49.68 -2.85 0.00	47.35 -2.00 0.00	52.15 -2.16 0.00	46.27 -1.29 0.00	41.86 -1.28 0.00	38.08 -0.76 0.00	41.69 -1.12 0.00

BINGHAMTON___COGEN 23790	29.68 -0.56 0.00	30.73 -0.65 0.18	29.42 -0.64 0.51	28.08 -0.62 0.00	31.97 -0.68 0.00	36.39 -0.73 0.00	36.12 -0.67 0.00	30.59 -0.50 0.00	37.16 -0.58 0.00	45.81 -0.77 0.00	53.13 -0.82 0.00	55.70 -0.72 0.00	54.00 -0.76 0.00	52.82 -0.78 0.00	53.42 -0.87 0.00	49.54 -0.79 0.00	52.50 -0.67 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.95 -0.37 0.00	47.30 -0.27 0.00	42.86 -0.28 0.00	38.60 -0.24 0.00	42.43 -0.37 0.00
BIXINCNT_115KV_LOAD 355685	26.88 -2.82 0.54	25.72 -3.51 2.33	25.33 -3.35 1.88	25.55 -3.15 0.00	29.24 -3.40 0.00	33.49 -3.62 0.00	33.85 -2.94 0.00	26.49 -2.91 1.69	32.25 -3.16 2.33	42.15 -3.50 0.93	51.52 -2.43 0.00	54.48 -1.94 0.00	52.00 -2.76 0.00	50.69 -2.90 0.00	50.80 -3.48 0.00	47.44 -2.90 0.00	50.00 -3.17 0.00	49.58 -2.94 0.00	47.64 -1.71 0.00	52.48 -1.83 0.00	46.33 -1.24 0.00	41.98 -1.16 0.00	38.27 -0.57 0.00	41.78 -1.02 0.00
BLACK RIVER___HYD 24047	30.68 0.44 0.00	32.06 0.50 0.00	31.04 0.48 0.00	29.08 0.38 0.00	33.26 0.62 0.00	38.04 0.92 0.00	37.74 0.95 0.00	32.07 0.98 0.00	39.01 1.27 0.00	48.46 1.87 0.00	56.21 2.26 0.00	58.77 2.35 0.00	56.80 2.04 0.00	55.30 1.70 0.00	56.32 2.03 0.00	52.15 1.82 0.00	54.98 1.81 0.00	54.28 1.75 0.00	51.19 1.84 0.00	56.41 2.09 0.00	49.42 1.85 0.00	44.64 1.50 0.00	40.04 1.20 0.00	43.94 1.14 0.00
BLACKRVR_115KV_TB2 79977	30.68 0.44 0.00	32.06 0.50 0.00	31.04 0.48 0.00	29.08 0.38 0.00	33.26 0.62 0.00	38.04 0.92 0.00	37.74 0.95 0.00	32.07 0.98 0.00	39.01 1.27 0.00	48.44 1.86 0.00	56.21 2.26 0.00	58.77 2.35 0.00	56.80 2.04 0.00	55.30 1.70 0.00	56.32 2.03 0.00	52.15 1.82 0.00	54.98 1.81 0.00	54.28 1.75 0.00	51.19 1.84 0.00	56.41 2.09 0.00	49.42 1.85 0.00	44.64 1.50 0.00	40.04 1.20 0.00	43.94 1.13 0.00
BLISS_WT_PWR 323608	26.60 -3.10 0.54	25.36 -3.87 2.33	24.93 -3.75 1.88	25.17 -3.53 0.00	28.83 -3.82 0.00	33.07 -4.05 0.00	33.59 -3.20 0.00	26.24 -3.15 1.69	31.89 -3.52 2.33	41.87 -3.78 0.93	51.40 -2.54 0.00	54.36 -2.07 0.00	51.87 -2.89 0.00	50.59 -3.01 0.00	50.58 -3.71 0.00	47.23 -3.10 0.00	49.80 -3.37 0.00	49.50 -3.03 0.00	47.66 -1.69 0.00	52.49 -1.83 0.00	46.30 -1.27 0.00	41.95 -1.19 0.00	38.29 -0.55 0.00	41.76 -1.04 0.00
BLUESTONE___WT_PWR 323821	29.22 -1.03 0.00	31.22 -0.54 -0.19	29.92 -1.18 -0.54	27.15 -1.55 0.00	30.85 -1.79 0.00	35.31 -1.81 0.00	35.37 -1.42 0.00	30.21 -0.88 0.00	36.91 -0.83 0.00	46.17 -0.41 0.00	53.27 -0.68 0.00	55.28 -1.14 0.00	53.61 -1.15 0.00	53.46 -0.14 0.00	54.05 -0.23 0.00	50.59 0.26 0.00	53.92 0.75 0.00	53.74 1.21 0.00	51.45 2.10 0.00	56.62 2.30 0.00	49.37 1.80 0.00	44.96 1.82 0.00	40.28 1.44 0.00	43.52 0.72 0.00
BLUE_CIRC_CHEM_DRP 24182	30.81 0.57 0.00	32.20 0.63 0.00	31.23 0.67 0.00	29.36 0.67 0.00	33.36 0.72 0.00	37.90 0.78 0.00	37.47 0.68 0.00	31.61 0.53 0.00	38.10 0.36 0.00	46.96 0.38 0.00	54.26 0.31 0.00	56.60 0.18 0.00	55.11 0.35 0.00	54.00 0.40 0.00	54.70 0.41 0.00	50.78 0.45 0.00	53.67 0.50 0.00	53.18 0.66 0.00	49.95 0.60 0.00	54.97 0.66 0.00	48.07 0.50 0.00	43.60 0.45 0.00	39.24 0.39 0.00	43.23 0.43 0.00
BOC_GAS_DRP 24189	30.63 0.38 0.00	32.02 0.46 0.00	31.03 0.47 0.00	29.16 0.46 0.00	33.12 0.48 0.00	37.65 0.53 0.00	37.24 0.45 0.00	31.44 0.36 0.00	37.91 0.17 0.00	46.76 0.18 0.00	53.99 0.05 0.00	56.32 -0.10 0.00	54.83 0.08 0.00	53.73 0.13 0.00	54.45 0.17 0.00	50.56 0.22 0.00	53.43 0.26 0.00	52.87 0.35 0.00	49.65 0.30 0.00	54.66 0.34 0.00	47.78 0.21 0.00	43.35 0.21 0.00	39.03 0.19 0.00	42.99 0.18 0.00
BOONVILLE_115KV_TB1 79983	30.73 0.49 0.00	32.08 0.52 0.00	31.09 0.53 0.00	29.16 0.47 0.00	33.26 0.62 0.00	37.91 0.79 0.00	37.62 0.83 0.00	31.86 0.78 0.00	38.70 0.96 0.00	47.91 1.33 0.00	55.55 1.60 0.00	58.09 1.67 0.00	56.33 1.57 0.00	55.13 1.53 0.00	55.87 1.58 0.00	51.75 1.42 0.00	54.70 1.53 0.00	54.07 1.55 0.00	50.90 1.55 0.00	56.01 1.69 0.00	48.99 1.43 0.00	44.33 1.19 0.00	39.82 0.98 0.00	43.78 0.97 0.00
BORALEX_4TH_BRANCH 23824	31.32 1.08 0.00	32.85 1.29 0.00	32.05 1.49 0.00	30.10 1.40 0.00	34.24 1.59 0.00	38.79 1.68 0.00	38.23 1.44 0.00	32.33 1.24 0.00	38.81 1.07 0.00	47.88 1.30 0.00	55.28 1.34 0.00	57.73 1.31 0.00	56.23 1.47 0.00	55.01 1.41 0.00	55.81 1.52 0.00	51.70 1.37 0.00	54.64 1.47 0.00	54.33 1.81 0.00	50.90 1.55 0.00	55.96 1.65 0.00	48.93 1.36 0.00	44.41 1.27 0.00	39.88 1.04 0.00	44.01 1.20 0.00
BOWLINE___1 23526	31.09 0.85 0.00	32.53 0.98 0.00	31.39 0.83 0.00	29.47 0.77 0.00	33.49 0.84 0.00	38.13 1.02 0.00	37.74 0.96 0.00	31.95 0.87 0.00	38.54 0.80 0.00	47.49 0.91 0.00	54.67 0.73 0.00	56.83 0.41 0.00	55.54 0.77 0.00	54.50 0.90 0.00	55.40 1.11 0.00	51.42 1.08 0.00	54.40 1.23 0.00	53.75 1.23 0.00	50.45 1.10 0.00	55.64 1.33 0.00	48.49 0.92 0.00	43.92 0.78 0.00	39.48 0.64 0.00	43.50 0.69 0.00
BOWLINE___2 23595	31.09 0.85 0.00	32.54 0.98 0.00	31.39 0.83 0.00	29.47 0.77 0.00	33.49 0.84 0.00	38.12 1.00 0.00	37.74 0.95 0.00	31.95 0.86 0.00	38.54 0.80 0.00	47.48 0.90 0.00	54.66 0.71 0.00	56.81 0.39 0.00	55.52 0.75 0.00	54.50 0.90 0.00	55.40 1.11 0.00	51.40 1.07 0.00	54.41 1.24 0.00	53.76 1.24 0.00	50.45 1.10 0.00	55.64 1.33 0.00	48.49 0.92 0.00	43.92 0.78 0.00	39.48 0.64 0.00	43.50 0.69 0.00
BRADY___115KV_TB2 356060	30.80 0.56 0.00	32.06 0.50 0.00	31.03 0.47 0.00	29.14 0.45 0.00	33.14 0.50 0.00	37.68 0.56 0.00	37.46 0.67 0.00	31.53 0.44 0.00	38.56 0.82 0.00	47.81 1.23 0.00	55.42 1.48 0.00	58.03 1.61 0.00	56.15 1.39 0.00	54.77 1.17 0.00	55.43 1.14 0.00	51.44 1.11 0.00	54.38 1.20 0.00	53.82 1.29 0.00	50.58 1.23 0.00	55.69 1.37 0.00	48.90 1.33 0.00	44.37 1.23 0.00	39.94 1.10 0.00	43.96 1.15 0.00
BRANSCOMB___SOLAR 323811	31.45 1.21 0.00	32.87 1.31 0.00	31.91 1.35 0.00	29.98 1.28 0.00	34.10 1.46 0.00	38.66 1.54 0.00	38.27 1.48 0.00	32.38 1.29 0.00	39.08 1.34 0.00	48.26 1.68 0.00	55.75 1.80 0.00	58.24 1.82 0.00	56.66 1.90 0.00	55.47 1.88 0.00	56.23 1.95 0.00	52.17 1.83 0.00	55.16 1.99 0.00	54.79 2.27 0.00	51.48 2.13 0.00	56.64 2.32 0.00	49.48 1.91 0.00	44.81 1.68 0.00	40.24 1.40 0.00	44.32 1.51 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.85 1.61 0.00	33.38 1.82 0.00	32.16 1.60 0.00	30.20 1.50 0.00	34.16 1.52 0.00	39.03 1.91 0.00	38.86 2.07 0.00	32.96 1.87 0.00	39.24 1.50 0.00	48.08 1.50 0.00	55.39 1.44 0.00	56.86 0.44 0.00	55.47 0.71 0.00	54.30 0.70 0.00	55.36 1.08 0.00	52.20 1.87 0.00	55.19 2.02 0.00	54.93 2.18 -0.22	51.23 1.88 0.00	57.16 2.31 -0.53	49.21 1.64 0.00	44.75 1.61 0.00	40.00 1.16 0.00	44.32 1.51 0.00

BRISTLHL_115KV_TB1 79998	29.62 -0.62 0.00	30.90 -0.66 0.00	29.93 -0.63 0.00	28.08 -0.61 0.00	31.95 -0.69 0.00	36.38 -0.74 0.00	36.07 -0.72 0.00	30.54 -0.55 0.00	37.13 -0.61 0.00	45.76 -0.82 0.00	53.06 -0.89 0.00	55.58 -0.84 0.00	53.87 -0.90 0.00	52.66 -0.93 0.00	53.32 -0.97 0.00	49.40 -0.94 0.00	52.16 -1.01 0.00	51.40 -1.12 0.00	48.44 -0.91 0.00	53.33 -0.98 0.00	46.75 -0.82 0.00	42.33 -0.81 0.00	38.14 -0.70 0.00	42.07 -0.74 0.00
BROOKHAVEN___DRP 24191	31.39 1.15 0.00	33.03 1.47 0.00	31.82 1.27 0.00	29.92 1.22 0.00	33.78 1.14 0.00	38.69 1.57 0.00	38.68 1.89 0.00	32.81 1.72 0.00	38.86 1.13 0.00	47.48 0.91 0.00	54.58 0.63 0.00	55.76 -0.66 0.00	54.40 -0.36 0.00	53.05 -0.54 0.00	54.33 0.04 0.00	51.28 0.95 0.00	54.36 1.20 0.00	54.32 1.65 -0.15	50.61 1.27 0.00	56.55 1.82 -0.41	48.78 1.21 0.00	44.41 1.27 0.00	39.51 0.67 0.00	43.93 1.13 0.00
BROOKLYN_NAVY_YARD 23515	31.48 1.24 0.00	32.93 1.37 0.00	31.76 1.20 0.00	29.81 1.12 0.00	33.87 1.22 0.00	38.54 1.42 0.00	38.16 1.37 0.00	32.33 1.24 0.00	39.02 1.28 0.00	48.10 1.52 0.00	55.31 1.36 0.00	57.42 1.00 0.00	56.09 1.33 0.00	55.01 1.41 0.00	55.90 1.62 0.00	51.92 1.59 0.00	54.92 1.75 0.00	54.26 1.66 -0.08	50.89 1.54 0.00	56.14 1.83 0.00	48.89 1.33 0.00	44.36 1.22 0.00	39.82 0.98 0.00	43.86 1.06 0.00
BROOKLYN___ARMY_DRP 323595	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
BROOKVLE_69_KV_TB1 55790	31.92 1.67 0.00	33.41 1.84 0.00	32.20 1.64 0.00	30.21 1.51 0.00	34.26 1.62 0.00	39.05 1.93 0.00	38.79 2.00 0.00	32.91 1.82 0.00	39.33 1.60 0.00	48.40 1.82 0.00	55.73 1.79 0.00	57.65 1.24 0.00	56.20 1.43 0.00	55.18 1.58 0.00	56.15 1.86 0.00	52.40 2.06 -0.01	55.41 2.23 -0.01	56.16 2.20 -1.43	51.34 1.99 0.00	59.01 2.34 -2.35	49.35 1.78 0.00	44.75 1.61 0.00	40.14 1.30 0.00	44.29 1.48 0.00
BROOME_2_LFGE 323671	29.68 -0.56 0.00	30.73 -0.65 0.18	29.42 -0.63 0.51	28.08 -0.62 0.00	31.97 -0.68 0.00	36.38 -0.73 0.00	36.12 -0.67 0.00	30.59 -0.50 0.00	37.15 -0.59 0.00	45.80 -0.78 0.00	53.13 -0.82 0.00	55.70 -0.72 0.00	54.00 -0.76 0.00	52.82 -0.78 0.00	53.42 -0.87 0.00	49.54 -0.79 0.00	52.50 -0.67 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.95 -0.37 0.00	47.30 -0.27 0.00	42.86 -0.28 0.00	38.60 -0.24 0.00	42.43 -0.37 0.00
BROOME___LFGE 323600	29.68 -0.56 0.00	30.73 -0.65 0.18	29.42 -0.63 0.51	28.08 -0.62 0.00	31.97 -0.68 0.00	36.38 -0.73 0.00	36.12 -0.67 0.00	30.59 -0.50 0.00	37.15 -0.59 0.00	45.80 -0.78 0.00	53.13 -0.82 0.00	55.70 -0.72 0.00	54.00 -0.76 0.00	52.82 -0.78 0.00	53.42 -0.87 0.00	49.54 -0.79 0.00	52.50 -0.67 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.95 -0.37 0.00	47.30 -0.27 0.00	42.86 -0.28 0.00	38.60 -0.24 0.00	42.43 -0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.15 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.80 0.00	57.21 0.79 0.00	55.38 0.62 0.00	54.06 0.47 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.91 0.56 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.13 0.29 0.00	43.02 0.22 0.00
BROWNSV1_27_KV_LOAD 356125	31.73 1.49 0.00	33.19 1.63 0.00	32.01 1.45 0.00	30.04 1.34 0.00	34.12 1.47 0.00	38.84 1.72 0.00	38.47 1.68 0.00	32.59 1.50 0.00	39.31 1.57 0.00	48.52 1.94 0.00	55.78 1.83 0.00	57.93 1.51 0.00	56.57 1.81 0.00	55.51 1.91 0.00	56.49 2.20 0.00	52.42 2.09 0.00	55.45 2.28 0.00	54.74 2.22 0.00	51.43 2.08 0.00	56.76 2.44 0.00	49.41 1.84 0.00	44.79 1.65 0.00	40.23 1.38 0.00	44.27 1.47 0.00
BURROWS___LYONSDAL 23803	30.64 0.40 0.00	32.00 0.44 0.00	31.03 0.47 0.00	29.10 0.40 0.00	33.20 0.56 0.00	37.87 0.76 0.00	37.58 0.79 0.00	31.84 0.75 0.00	38.66 0.92 0.00	47.91 1.33 0.00	55.54 1.60 0.00	58.07 1.65 0.00	56.31 1.55 0.00	55.07 1.48 0.00	55.83 1.55 0.00	51.73 1.40 0.00	54.66 1.49 0.00	54.04 1.52 0.00	50.88 1.53 0.00	56.00 1.68 0.00	48.99 1.42 0.00	44.30 1.16 0.00	39.80 0.96 0.00	43.74 0.94 0.00
CAITHNESS_CC_1 323624	31.42 1.18 0.00	33.02 1.46 0.00	31.82 1.26 0.00	29.91 1.22 0.00	33.79 1.14 0.00	38.68 1.56 0.00	38.61 1.82 0.00	32.76 1.67 0.00	38.84 1.10 0.00	47.49 0.91 0.00	54.61 0.66 0.00	55.87 -0.55 0.00	54.51 -0.25 0.00	53.20 -0.39 0.00	54.41 0.12 0.00	51.36 1.03 0.00	54.42 1.26 0.00	54.30 1.63 -0.15	50.61 1.27 0.00	56.49 1.77 -0.41	48.73 1.17 0.00	44.36 1.22 0.00	39.50 0.66 0.00	43.91 1.10 0.00
CALPINE BETH_PAGE_GT4 24209	31.86 1.61 0.00	33.34 1.78 0.00	32.14 1.57 0.00	30.16 1.46 0.00	34.19 1.55 0.00	38.98 1.87 0.00	38.75 1.96 0.00	32.86 1.77 0.00	39.24 1.50 0.00	48.23 1.65 0.00	55.56 1.61 0.00	57.31 0.89 0.00	55.89 1.13 0.00	54.81 1.22 0.00	55.77 1.48 0.00	52.34 2.00 -0.01	55.25 2.08 -0.01	55.53 2.03 -0.97	50.97 1.62 0.00	57.94 1.95 -1.69	48.99 1.42 0.00	44.49 1.35 0.00	39.98 1.14 0.00	44.18 1.38 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.85 1.61 0.00	33.34 1.78 0.00	32.14 1.58 0.00	30.16 1.46 0.00	34.19 1.55 0.00	38.98 1.87 0.00	38.75 1.96 0.00	32.86 1.77 0.00	39.24 1.50 0.00	48.22 1.64 0.00	55.56 1.61 0.00	57.31 0.89 0.00	55.89 1.13 0.00	54.81 1.22 0.00	55.76 1.48 0.00	52.34 2.01 -0.01	55.27 2.09 -0.01	55.52 2.03 -0.97	50.97 1.62 0.00	57.94 1.95 -1.69	48.99 1.42 0.00	44.49 1.35 0.00	39.98 1.14 0.00	44.18 1.38 0.00
CALPINE_BP_GT1 23823	31.85 1.61 0.00	33.34 1.78 0.00	32.14 1.58 0.00	30.16 1.46 0.00	34.19 1.55 0.00	38.98 1.87 0.00	38.75 1.96 0.00	32.86 1.77 0.00	39.24 1.50 0.00	48.22 1.64 0.00	55.56 1.61 0.00	57.31 0.89 0.00	55.89 1.13 0.00	54.81 1.22 0.00	55.76 1.48 0.00	52.34 2.01 -0.01	55.27 2.09 -0.01	55.52 2.03 -0.97	50.97 1.62 0.00	57.94 1.95 -1.69	48.99 1.42 0.00	44.49 1.35 0.00	39.98 1.14 0.00	44.18 1.38 0.00
CALSPAN___DRP 24200	26.91 -2.11 1.22	24.48 -2.44 4.65	25.75 -2.22 2.59	26.60 -2.10 0.00	30.40 -2.24 0.00	34.65 -2.46 0.00	34.37 -2.43 0.00	25.02 -2.27 3.80	30.44 -2.07 5.23	41.72 -2.77 2.09	51.49 -2.46 0.00	54.63 -1.79 0.00	52.01 -2.75 0.00	50.68 -2.92 0.00	51.26 -3.03 0.00	47.85 -2.49 0.00	50.40 -2.77 0.00	49.56 -2.96 0.00	47.23 -2.12 0.00	52.03 -2.28 0.00	46.17 -1.39 0.00	41.77 -1.37 0.00	38.00 -0.84 0.00	41.60 -1.20 0.00

CALVERTON___SOLAR 323806	31.37 1.13 0.00	33.04 1.47 0.00	31.83 1.27 0.00	29.93 1.23 0.00	33.77 1.13 0.00	38.71 1.60 0.00	38.71 1.92 0.00	32.84 1.75 0.00	38.87 1.13 0.00	47.45 0.88 0.00	54.57 0.62 0.00	55.71 -0.71 0.00	54.30 -0.46 0.00	52.92 -0.67 0.00	54.23 -0.05 0.00	51.22 0.89 0.00	54.33 1.16 0.00	54.33 1.66 -0.15	50.62 1.27 0.00	56.61 1.88 -0.42	48.82 1.26 0.00	44.46 1.32 0.00	39.52 0.67 0.00	43.99 1.18 0.00
CANDIGU_WT_PWR 323617	12.02 -2.64 15.58	-26.89 -2.99 55.46	5.45 -2.91 22.20	25.97 -2.72 0.01	29.65 -3.00 0.00	33.89 -3.23 0.00	33.61 -3.18 0.00	-20.15 -2.69 48.56	-32.43 -3.29 66.88	15.98 -3.92 26.68	50.33 -3.62 0.00	53.54 -2.88 0.00	51.47 -3.29 0.00	50.65 -2.95 0.00	51.20 -3.09 0.00	47.17 -3.16 0.00	50.20 -2.97 0.00	49.89 -2.64 0.00	47.47 -1.88 0.00	52.56 -1.76 0.00	46.39 -1.18 0.00	42.02 -1.12 0.00	38.04 -0.80 0.00	41.59 -1.22 0.00
CARR STREET_E_SYR 24060	29.82 -0.42 0.00	31.10 -0.46 0.00	30.12 -0.44 0.00	28.27 -0.43 0.00	32.17 -0.48 0.00	36.61 -0.51 0.00	36.31 -0.48 0.00	30.75 -0.33 0.00	37.38 -0.36 0.00	46.08 -0.50 0.00	53.44 -0.51 0.00	55.98 -0.44 0.00	54.25 -0.51 0.00	53.06 -0.54 0.00	53.71 -0.58 0.00	49.76 -0.57 0.00	52.59 -0.58 0.00	51.83 -0.69 0.00	48.86 -0.49 0.00	53.80 -0.51 0.00	47.17 -0.40 0.00	42.72 -0.42 0.00	38.50 -0.35 0.00	42.44 -0.37 0.00
CARTHAGE___PAPER 23857	30.80 0.56 0.00	32.17 0.61 0.00	31.18 0.62 0.00	29.21 0.52 0.00	33.39 0.75 0.00	38.16 1.05 0.00	37.87 1.08 0.00	32.12 1.04 0.00	39.09 1.35 0.00	48.55 1.97 0.00	56.32 2.37 0.00	58.86 2.44 0.00	56.96 2.20 0.00	55.54 1.94 0.00	56.46 2.17 0.00	52.30 1.97 0.00	55.17 2.00 0.00	54.53 2.00 0.00	51.38 2.03 0.00	56.60 2.29 0.00	49.57 2.00 0.00	44.79 1.65 0.00	40.19 1.34 0.00	44.11 1.31 0.00
CASSADAGA_WT_PWR 323784	26.26 -3.39 0.59	25.24 -3.83 2.50	25.06 -3.57 1.93	25.38 -3.32 0.00	28.98 -3.67 0.00	33.06 -4.06 0.00	32.98 -3.81 0.00	25.89 -3.36 1.84	31.63 -3.57 2.54	41.20 -4.37 1.01	50.30 -3.65 0.00	54.11 -2.31 0.00	51.99 -2.77 0.00	49.42 -4.18 0.00	50.37 -3.92 0.00	47.34 -2.99 0.00	50.41 -2.76 0.00	49.52 -3.01 0.00	47.50 -1.85 0.00	52.75 -1.57 0.00	47.03 -0.54 0.00	42.81 -0.33 0.00	38.52 -0.32 0.00	41.56 -1.25 0.00
CE_DUNWOOD___DRP 24194	31.34 1.10 0.00	32.80 1.24 0.00	31.65 1.09 0.00	29.71 1.01 0.00	33.75 1.10 0.00	38.42 1.30 0.00	38.05 1.26 0.00	32.23 1.14 0.00	38.82 1.08 0.00	47.86 1.28 0.00	55.08 1.13 0.00	57.23 0.81 0.00	55.87 1.11 0.00	54.84 1.25 0.00	55.78 1.49 0.00	51.79 1.46 0.00	54.79 1.62 0.00	54.14 1.62 0.00	50.85 1.50 0.00	56.08 1.76 0.00	48.85 1.28 0.00	44.27 1.13 0.00	39.77 0.93 0.00	43.81 1.01 0.00
CE_MILLWOOD___DRP 24193	31.24 1.00 0.00	32.69 1.13 0.00	31.55 0.99 0.00	29.61 0.91 0.00	33.64 1.00 0.00	38.30 1.18 0.00	37.92 1.13 0.00	32.11 1.03 0.00	38.70 0.96 0.00	47.70 1.13 0.00	54.91 0.96 0.00	57.07 0.65 0.00	55.73 0.96 0.00	54.70 1.11 0.00	55.62 1.34 0.00	51.63 1.29 0.00	54.62 1.44 0.00	53.99 1.47 0.00	50.69 1.34 0.00	55.88 1.56 0.00	48.71 1.14 0.00	44.13 0.99 0.00	39.66 0.81 0.00	43.68 0.88 0.00
CE_NYC2_DRP 24202	31.60 1.36 -0.01	33.06 1.50 -0.01	31.88 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.47 1.37 -0.01	39.17 1.43 0.00	48.30 1.72 0.00	55.52 1.57 0.00	57.64 1.22 0.00	56.32 1.56 0.00	55.26 1.67 0.00	56.19 1.90 0.00	52.17 1.83 0.00	55.19 2.02 0.00	54.50 1.98 0.00	56.07 1.85 -4.87	58.58 2.15 -2.12	57.14 1.61 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
CE_NYC_DRP 24195	31.50 1.26 0.00	32.95 1.39 0.00	31.78 1.22 0.00	29.83 1.13 0.00	33.88 1.24 0.00	38.57 1.46 0.00	38.20 1.41 0.00	32.36 1.28 0.00	39.03 1.29 0.00	48.14 1.56 0.00	55.37 1.42 0.00	57.48 1.06 0.00	56.14 1.38 0.00	55.10 1.50 0.00	56.05 1.76 0.00	52.02 1.68 0.00	55.03 1.86 0.00	54.32 1.80 0.00	51.03 1.68 0.00	56.29 1.97 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
CHAFFEE___LFGE 323603	28.14 -2.10 0.00	28.65 -2.44 0.47	27.02 -2.23 1.31	26.68 -2.02 0.00	30.51 -2.13 0.00	34.73 -2.38 0.00	34.47 -2.31 0.00	29.05 -2.03 0.00	35.66 -2.08 0.00	43.82 -2.76 0.00	51.14 -2.80 0.00	53.94 -2.48 0.00	52.02 -2.74 0.00	50.62 -2.98 0.00	51.03 -3.26 0.00	47.46 -2.87 0.00	50.20 -2.97 0.00	49.21 -3.31 0.00	47.00 -2.35 0.00	52.05 -2.26 0.00	45.93 -1.65 0.00	41.65 -1.49 0.00	37.77 -1.07 0.00	41.34 -1.47 0.00
CHATEAUG_35_KV_LOAD 355732	30.42 0.18 0.00	31.60 0.04 0.00	30.38 -0.18 0.00	28.42 -0.28 0.00	32.33 -0.31 0.00	36.71 -0.41 0.00	36.57 -0.21 0.00	30.72 -0.37 0.00	37.71 -0.03 0.00	46.79 0.21 0.00	54.82 0.87 0.00	57.57 1.15 0.00	56.01 1.25 0.00	54.75 1.15 0.00	55.41 1.12 0.00	51.36 1.02 0.00	54.25 1.08 0.00	53.84 1.32 0.00	50.54 1.19 0.00	55.58 1.27 0.00	48.69 1.12 0.00	43.97 0.83 0.00	39.38 0.54 0.00	43.24 0.43 0.00
CHATEAUG_WT_PWR 323614	30.42 0.18 0.00	31.60 0.04 0.00	30.39 -0.17 0.00	28.43 -0.26 0.00	32.34 -0.30 0.00	36.73 -0.38 0.00	36.58 -0.20 0.00	30.74 -0.34 0.00	37.71 -0.03 0.00	46.76 0.18 0.00	54.76 0.81 0.00	57.48 1.06 0.00	55.93 1.17 0.00	54.68 1.08 0.00	55.34 1.06 0.00	51.29 0.96 0.00	54.18 1.01 0.00	53.75 1.23 0.00	50.49 1.14 0.00	55.52 1.21 0.00	48.62 1.06 0.00	43.92 0.78 0.00	39.34 0.50 0.00	43.22 0.41 0.00
CHAT_HIGH_FALL_HYD 323578	30.42 0.18 0.00	31.60 0.04 0.00	30.38 -0.18 0.00	28.42 -0.28 0.00	32.33 -0.31 0.00	36.71 -0.41 0.00	36.57 -0.21 0.00	30.72 -0.37 0.00	37.71 -0.03 0.00	46.79 0.21 0.00	54.82 0.87 0.00	57.57 1.15 0.00	56.01 1.25 0.00	54.75 1.15 0.00	55.41 1.12 0.00	51.36 1.02 0.00	54.25 1.08 0.00	53.84 1.32 0.00	50.54 1.19 0.00	55.58 1.27 0.00	48.69 1.12 0.00	43.97 0.83 0.00	39.38 0.54 0.00	43.24 0.43 0.00
CHAUTAUQUA___LFGE 323629	26.65 -2.72 0.87	24.97 -3.13 3.46	25.41 -2.92 2.23	25.94 -2.76 0.00	29.69 -2.95 0.00	33.83 -3.29 0.00	33.72 -3.07 0.00	25.63 -2.75 2.71	31.14 -2.86 3.74	41.48 -3.60 1.49	50.99 -2.96 0.00	54.42 -2.00 0.00	52.14 -2.62 0.00	50.03 -3.57 0.00	50.83 -3.46 0.00	47.45 -2.88 0.00	50.48 -2.69 0.00	49.65 -2.88 0.00	47.49 -1.86 0.00	52.61 -1.70 0.00	46.76 -0.81 0.00	42.42 -0.72 0.00	38.29 -0.55 0.00	41.65 -1.16 0.00
CHERRYST_13_KV_LD 356241	31.57 1.33 0.00	33.03 1.47 0.00	31.86 1.30 0.00	29.90 1.20 0.00	33.96 1.32 0.00	38.66 1.55 0.00	38.30 1.51 0.00	32.45 1.36 0.00	39.14 1.40 0.00	48.28 1.70 0.00	55.53 1.58 0.00	57.65 1.23 0.00	56.31 1.54 0.00	55.25 1.66 0.00	56.22 1.93 0.00	52.17 1.84 0.00	55.19 2.02 0.00	54.48 1.96 0.00	51.18 1.83 0.00	56.45 2.14 0.00	49.14 1.57 0.00	44.55 1.41 0.00	40.00 1.16 0.00	44.05 1.24 0.00

CHESTROR_138KV_BK263 355645	30.99 0.75 0.00	32.41 0.85 0.00	31.29 0.73 0.00	29.37 0.68 0.00	33.39 0.75 0.00	38.01 0.89 0.00	37.63 0.84 0.00	31.86 0.78 0.00	38.42 0.67 0.00	47.32 0.74 0.00	54.49 0.54 0.00	56.69 0.26 0.00	55.36 0.59 0.00	54.33 0.73 0.00	55.20 0.92 0.00	51.21 0.87 0.00	54.20 1.03 0.00	53.61 1.09 0.00	50.34 0.99 0.00	55.50 1.18 0.00	48.41 0.84 0.00	43.85 0.71 0.00	39.42 0.58 0.00	43.42 0.62 0.00
CH_MIDHUDSON___DRP 24192	31.30 1.06 0.00	32.75 1.19 0.00	31.65 1.09 0.00	29.71 1.01 0.00	33.76 1.12 0.00	38.42 1.30 0.00	38.03 1.25 0.00	32.21 1.12 0.00	38.79 1.05 0.00	47.81 1.23 0.00	55.06 1.11 0.00	57.28 0.86 0.00	55.88 1.11 0.00	54.84 1.25 0.00	55.73 1.44 0.00	51.71 1.37 0.00	54.72 1.55 0.00	54.15 1.63 0.00	50.86 1.52 0.00	56.08 1.76 0.00	48.92 1.35 0.00	44.31 1.18 0.00	39.80 0.95 0.00	43.82 1.01 0.00
CH_MISC_IPPS 23765	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	47.99 1.41 0.00	55.25 1.30 0.00	57.49 1.08 0.00	56.10 1.34 0.00	55.10 1.51 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.89 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00
CH_RES_BVR_FALLS 23983	30.20 -0.04 0.00	31.47 -0.08 0.00	30.45 -0.10 0.00	28.65 -0.05 0.00	32.64 0.00 0.00	37.10 -0.01 0.00	36.79 0.00 0.00	31.02 -0.07 0.00	37.82 0.08 0.00	46.79 0.21 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.10 0.34 0.00	53.89 0.29 0.00	54.57 0.28 0.00	50.61 0.28 0.00	53.43 0.25 0.00	52.80 0.28 0.00	49.57 0.22 0.00	54.51 0.19 0.00	47.79 0.22 0.00	43.34 0.20 0.00	39.03 0.19 0.00	42.97 0.17 0.00
CH_RES_NIAGARA 23895	25.97 -2.71 1.56	22.84 -2.93 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.27 0.00	33.52 -3.27 0.00	23.21 -3.03 4.85	28.18 -2.87 6.69	40.04 -3.87 2.67	50.11 -3.83 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.22 -4.38 0.00	49.76 -4.52 0.00	46.49 -3.84 0.00	48.91 -4.27 0.00	48.05 -4.48 0.00	45.77 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.76 -2.04 0.00
CH_RES_SYRACUSE 23985	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.29 0.00	28.41 -0.29 0.00	32.32 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 0.00 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.22 0.00	53.35 -0.25 0.00	54.00 -0.28 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
CLINTON_WT_PWR 323605	30.42 0.18 0.00	31.60 0.04 0.00	30.39 -0.17 0.00	28.43 -0.26 0.00	32.34 -0.30 0.00	36.73 -0.38 0.00	36.58 -0.20 0.00	30.74 -0.34 0.00	37.71 -0.03 0.00	46.76 0.18 0.00	54.76 0.81 0.00	57.48 1.06 0.00	55.93 1.17 0.00	54.68 1.08 0.00	55.34 1.06 0.00	51.29 0.96 0.00	54.18 1.01 0.00	53.75 1.23 0.00	50.49 1.14 0.00	55.52 1.21 0.00	48.62 1.06 0.00	43.92 0.78 0.00	39.34 0.50 0.00	43.22 0.41 0.00
CLINTON___LFGE 323618	30.93 0.69 0.00	32.13 0.56 0.00	30.90 0.34 0.00	28.89 0.19 0.00	32.89 0.25 0.00	37.32 0.20 0.00	37.22 0.43 0.00	31.28 0.19 0.00	38.33 0.59 0.00	47.62 1.04 0.00	55.78 1.83 0.00	58.45 2.03 0.00	56.96 2.20 0.00	55.58 1.98 0.00	56.19 1.90 0.00	52.09 1.76 0.00	55.02 1.85 0.00	54.77 2.25 0.00	51.51 2.16 0.00	56.66 2.34 0.00	49.64 2.07 0.00	44.82 1.68 0.00	40.11 1.27 0.00	44.03 1.23 0.00
COBBLENY_34_KV_TB1 80064	28.13 -2.11 0.00	28.63 -2.46 0.47	27.03 -2.22 1.31	26.68 -2.02 0.00	30.51 -2.13 0.00	34.73 -2.38 0.00	34.47 -2.31 0.00	29.04 -2.05 0.00	35.64 -2.10 0.00	43.78 -2.80 0.00	51.15 -2.80 0.00	53.94 -2.47 0.00	52.02 -2.75 0.00	50.64 -2.96 0.00	51.03 -3.26 0.00	47.47 -2.86 0.00	50.20 -2.97 0.00	49.22 -3.31 0.00	47.00 -2.35 0.00	52.05 -2.27 0.00	45.93 -1.65 0.00	41.64 -1.50 0.00	37.77 -1.07 0.00	41.33 -1.47 0.00
COFFEEN___115KV_TB3 355620	30.83 0.59 0.00	32.22 0.66 0.00	31.19 0.62 0.00	29.21 0.52 0.00	33.41 0.76 0.00	38.22 1.10 0.00	37.92 1.13 0.00	32.25 1.16 0.00	39.24 1.50 0.00	48.73 2.15 0.00	56.54 2.59 0.00	59.12 2.71 0.00	57.09 2.33 0.00	55.50 1.91 0.00	56.62 2.33 0.00	52.41 2.08 0.00	55.26 2.09 0.00	54.52 2.00 0.00	51.43 2.08 0.00	56.71 2.39 0.00	49.69 2.12 0.00	44.86 1.73 0.00	40.23 1.39 0.00	44.12 1.32 0.00
COLDSPRG_115KV_BK1 355956	28.11 -2.13 0.00	28.59 -2.52 0.46	27.00 -2.30 1.27	26.58 -2.12 0.00	30.37 -2.27 0.00	34.61 -2.51 0.00	34.47 -2.32 0.00	29.00 -2.09 0.00	35.69 -2.06 0.00	43.96 -2.62 0.00	51.93 -2.02 0.00	55.23 -1.19 0.00	53.02 -1.74 0.00	51.10 -2.49 0.00	51.80 -2.49 0.00	48.37 -1.97 0.00	51.30 -1.87 0.00	50.37 -2.15 0.00	48.18 -1.17 0.00	53.39 -0.93 0.00	47.34 -0.22 0.00	42.98 -0.16 0.00	38.83 -0.02 0.00	42.23 -0.58 0.00
COLONIE_LFGE___ 323577	31.00 0.76 0.00	32.44 0.87 0.00	31.50 0.94 0.00	29.61 0.91 0.00	33.66 1.02 0.00	38.19 1.08 0.00	37.76 0.97 0.00	31.91 0.82 0.00	38.43 0.69 0.00	47.43 0.85 0.00	54.79 0.84 0.00	57.20 0.78 0.00	55.67 0.91 0.00	54.50 0.90 0.00	55.26 0.97 0.00	51.24 0.91 0.00	54.14 0.97 0.00	53.75 1.23 0.00	50.44 1.09 0.00	55.49 1.17 0.00	48.50 0.93 0.00	43.99 0.85 0.00	39.54 0.70 0.00	43.58 0.77 0.00
COOPERNY_115KV_TB1 80082	30.73 0.49 0.00	32.12 0.56 0.00	31.03 0.47 0.00	29.13 0.43 0.00	33.12 0.48 0.00	37.69 0.58 0.00	37.33 0.54 0.00	31.60 0.51 0.00	38.17 0.43 0.00	47.03 0.45 0.00	54.23 0.28 0.00	56.50 0.09 0.00	55.10 0.34 0.00	54.03 0.43 0.00	54.83 0.54 0.00	50.85 0.51 0.00	53.81 0.64 0.00	53.18 0.66 0.00	49.97 0.62 0.00	55.06 0.75 0.00	48.09 0.52 0.00	43.58 0.44 0.00	39.21 0.36 0.00	43.18 0.37 0.00
COPENHAGEN_WT_PWR 323753	30.50 0.26 0.00	31.86 0.30 0.00	30.85 0.29 0.00	28.89 0.19 0.00	33.07 0.43 0.00	37.85 0.73 0.00	37.52 0.73 0.00	31.89 0.81 0.00	38.79 1.05 0.00	48.16 1.58 0.00	55.88 1.93 0.00	58.43 2.01 0.00	56.49 1.73 0.00	55.02 1.42 0.00	56.00 1.71 0.00	51.85 1.52 0.00	54.68 1.51 0.00	53.98 1.45 0.00	50.90 1.55 0.00	56.10 1.78 0.00	49.15 1.58 0.00	44.40 1.26 0.00	39.84 1.00 0.00	43.73 0.93 0.00
CORNELL_____ 23752	30.90 -0.06 -0.72	35.78 -0.10 -4.32	36.27 -0.14 -5.86	28.49 -0.20 0.00	32.45 -0.19 0.00	37.02 -0.10 0.00	36.77 -0.02 0.00	33.43 0.09 -2.26	41.04 0.19 -3.11	48.02 0.20 -1.24	54.28 0.33 0.00	56.87 0.45 0.00	55.09 0.32 0.00	53.90 0.30 0.00	54.57 0.28 0.00	50.66 0.33 0.00	53.72 0.55 0.00	53.01 0.49 0.00	50.08 0.73 0.00	55.18 0.87 0.00	48.36 0.79 0.00	43.78 0.65 0.00	39.38 0.54 0.00	43.26 0.45 0.00

CORONA V_69 KV_TB1 355595	31.86 1.60 -0.02	33.33 1.77 0.00	32.12 1.56 0.00	30.13 1.43 0.00	34.17 1.53 0.00	38.93 1.81 0.00	38.61 1.83 0.00	32.73 1.65 0.00	39.14 1.40 0.00	48.18 1.60 0.00	55.50 1.55 0.00	57.42 1.00 0.00	55.97 1.21 0.00	54.96 1.37 0.00	55.93 1.63 -0.02	52.39 2.01 -0.04	55.33 2.13 -0.03	58.89 2.03 -4.34	51.20 1.83 -0.02	63.40 2.21 -6.88	49.21 1.63 -0.01	44.64 1.50 0.00	40.01 1.17 0.00	44.22 1.41 0.00
CORTLAND_115KV_TB3 80093	30.11 -0.13 0.00	31.86 -0.18 -0.48	31.69 -0.19 -1.32	28.48 -0.21 0.00	32.43 -0.21 0.00	36.95 -0.17 0.00	36.69 -0.10 0.00	31.09 0.00 0.00	37.78 0.04 0.00	46.59 0.01 0.00	54.04 0.09 0.00	56.60 0.18 0.00	54.85 0.09 0.00	53.68 0.08 0.00	54.34 0.05 0.00	50.38 0.05 0.00	53.35 0.18 0.00	52.64 0.11 0.00	49.66 0.31 0.00	54.71 0.39 0.00	47.92 0.36 0.00	43.40 0.26 0.00	39.07 0.23 0.00	42.96 0.15 0.00
COXSACKIE__GT 23611	31.68 1.44 0.00	33.06 1.50 0.00	32.08 1.52 0.00	30.18 1.48 0.00	34.27 1.63 0.00	38.96 1.85 0.00	38.59 1.80 0.00	32.60 1.51 0.00	39.40 1.65 0.00	48.66 2.08 0.00	56.08 2.13 0.00	58.73 2.31 0.00	57.34 2.58 0.00	56.21 2.62 0.00	56.85 2.56 0.00	52.89 2.55 0.00	55.93 2.76 0.00	55.51 2.99 0.00	52.14 2.79 0.00	57.38 3.06 0.00	50.07 2.51 0.00	45.29 2.16 0.00	40.66 1.82 0.00	44.67 1.86 0.00
CPV_VALLEY__CC1 323721	30.79 0.55 0.00	32.20 0.64 0.00	31.10 0.54 0.00	29.19 0.49 0.00	33.18 0.53 0.00	37.77 0.65 0.00	37.38 0.59 0.00	31.65 0.56 0.00	38.19 0.45 0.00	47.04 0.46 0.00	54.21 0.27 0.00	56.41 -0.01 0.00	55.06 0.30 0.00	54.03 0.43 0.00	54.87 0.59 0.00	50.90 0.56 0.00	53.86 0.69 0.00	53.25 0.72 0.00	50.00 0.65 0.00	55.10 0.79 0.00	48.07 0.50 0.00	43.56 0.42 0.00	39.16 0.31 0.00	43.14 0.34 0.00
CPV_VALLEY__CC2 323722	30.79 0.55 0.00	32.20 0.64 0.00	31.10 0.54 0.00	29.19 0.49 0.00	33.18 0.53 0.00	37.77 0.65 0.00	37.38 0.59 0.00	31.65 0.56 0.00	38.19 0.45 0.00	47.04 0.46 0.00	54.21 0.27 0.00	56.41 -0.01 0.00	55.06 0.30 0.00	54.03 0.43 0.00	54.87 0.59 0.00	50.90 0.56 0.00	53.86 0.69 0.00	53.25 0.72 0.00	50.00 0.65 0.00	55.10 0.79 0.00	48.07 0.50 0.00	43.56 0.42 0.00	39.16 0.31 0.00	43.14 0.34 0.00
CRESCENT__HYD 24018	31.00 0.76 0.00	32.44 0.87 0.00	31.50 0.94 0.00	29.61 0.91 0.00	33.66 1.02 0.00	38.19 1.08 0.00	37.76 0.97 0.00	31.91 0.82 0.00	38.43 0.69 0.00	47.43 0.85 0.00	54.79 0.84 0.00	57.20 0.78 0.00	55.67 0.91 0.00	54.50 0.90 0.00	55.26 0.97 0.00	51.24 0.91 0.00	54.14 0.97 0.00	53.75 1.23 0.00	50.44 1.09 0.00	55.49 1.17 0.00	48.50 0.93 0.00	43.99 0.85 0.00	39.54 0.70 0.00	43.58 0.77 0.00
CRICKET__VALLEY_CC1 323756	31.08 0.84 0.00	32.58 1.02 0.00	31.51 0.95 0.00	29.58 0.89 0.00	33.62 0.98 0.00	38.23 1.12 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.47 0.74 0.00	47.44 0.86 0.00	54.64 0.69 0.00	56.87 0.44 0.00	55.48 0.72 0.00	54.42 0.83 0.00	55.22 0.93 0.00	51.22 0.89 0.00	54.18 1.00 0.00	53.66 1.14 0.00	50.39 1.04 0.00	55.51 1.20 0.00	48.45 0.88 0.00	43.88 0.74 0.00	39.38 0.54 0.00	43.38 0.58 0.00
CRICKET__VALLEY_CC2 323757	31.08 0.84 0.00	32.58 1.02 0.00	31.51 0.95 0.00	29.58 0.89 0.00	33.62 0.98 0.00	38.23 1.12 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.47 0.74 0.00	47.44 0.86 0.00	54.64 0.69 0.00	56.87 0.44 0.00	55.48 0.72 0.00	54.42 0.83 0.00	55.22 0.93 0.00	51.22 0.89 0.00	54.18 1.00 0.00	53.66 1.14 0.00	50.39 1.04 0.00	55.51 1.20 0.00	48.45 0.88 0.00	43.88 0.74 0.00	39.38 0.54 0.00	43.38 0.58 0.00
CRICKET__VALLEY_CC3 323758	31.08 0.84 0.00	32.58 1.02 0.00	31.51 0.95 0.00	29.58 0.89 0.00	33.62 0.98 0.00	38.23 1.12 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.47 0.74 0.00	47.44 0.86 0.00	54.64 0.69 0.00	56.87 0.44 0.00	55.48 0.72 0.00	54.42 0.83 0.00	55.22 0.93 0.00	51.22 0.89 0.00	54.18 1.00 0.00	53.66 1.14 0.00	50.39 1.04 0.00	55.51 1.20 0.00	48.45 0.88 0.00	43.88 0.74 0.00	39.38 0.54 0.00	43.38 0.58 0.00
CRUCIBLE_METL_DRP 24180	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
DAHOWA__HYDRO 323763	31.56 1.32 0.00	32.98 1.42 0.00	32.00 1.44 0.00	30.07 1.37 0.00	34.19 1.55 0.00	38.76 1.64 0.00	38.38 1.59 0.00	32.48 1.39 0.00	39.23 1.49 0.00	48.45 1.87 0.00	55.97 2.02 0.00	58.49 2.07 0.00	56.89 2.13 0.00	55.71 2.11 0.00	56.48 2.19 0.00	52.39 2.05 0.00	55.40 2.23 0.00	55.08 2.55 0.00	51.76 2.41 0.00	56.92 2.61 0.00	49.72 2.15 0.00	45.02 1.88 0.00	40.41 1.56 0.00	44.49 1.68 0.00
DANC__LFGE 323619	30.11 -0.13 0.00	31.44 -0.12 0.00	30.44 -0.12 0.00	28.52 -0.17 0.00	32.58 -0.06 0.00	37.21 0.09 0.00	36.90 0.12 0.00	31.31 0.22 0.00	38.09 0.35 0.00	47.17 0.59 0.00	54.72 0.78 0.00	57.26 0.84 0.00	55.40 0.63 0.00	54.03 0.43 0.00	54.89 0.60 0.00	50.83 0.49 0.00	53.64 0.47 0.00	52.91 0.39 0.00	49.89 0.54 0.00	54.96 0.65 0.00	48.16 0.59 0.00	43.54 0.40 0.00	39.13 0.29 0.00	43.02 0.22 0.00
DANSKAMMER__1 23586	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	47.99 1.41 0.00	55.25 1.30 0.00	57.49 1.08 0.00	56.10 1.34 0.00	55.10 1.51 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.89 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00
DANSKAMMER__2 23589	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	47.99 1.41 0.00	55.25 1.30 0.00	57.49 1.08 0.00	56.10 1.34 0.00	55.10 1.51 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.89 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00
DANSKAMMER__3 23590	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	47.99 1.41 0.00	55.25 1.30 0.00	57.49 1.08 0.00	56.10 1.34 0.00	55.10 1.51 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.89 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00

DANSKAMMER___4 23591	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	47.99 1.41 0.00	55.25 1.30 0.00	57.49 1.08 0.00	56.10 1.34 0.00	55.10 1.51 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.89 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00
DANSKAMMER___DIESEL 23592	31.42 1.18 0.00	32.88 1.32 0.00	31.75 1.19 0.00	29.80 1.10 0.00	33.87 1.23 0.00	38.55 1.43 0.00	38.18 1.39 0.00	32.33 1.25 0.00	38.95 1.21 0.00	48.00 1.43 0.00	55.25 1.30 0.00	57.49 1.07 0.00	56.11 1.35 0.00	55.10 1.50 0.00	55.99 1.70 0.00	51.93 1.60 0.00	54.98 1.81 0.00	54.41 1.88 0.00	51.14 1.79 0.00	56.39 2.08 0.00	49.17 1.60 0.00	44.53 1.39 0.00	39.99 1.15 0.00	44.03 1.22 0.00
DARBY___SOLAR 323810	31.50 1.26 0.00	32.92 1.36 0.00	31.95 1.39 0.00	30.02 1.32 0.00	34.14 1.49 0.00	38.71 1.59 0.00	38.32 1.53 0.00	32.42 1.33 0.00	39.15 1.41 0.00	48.34 1.76 0.00	55.84 1.89 0.00	58.33 1.91 0.00	56.74 1.98 0.00	55.56 1.96 0.00	56.34 2.05 0.00	52.24 1.91 0.00	55.26 2.09 0.00	54.89 2.37 0.00	51.58 2.23 0.00	56.75 2.43 0.00	49.57 2.01 0.00	44.90 1.76 0.00	40.31 1.47 0.00	44.39 1.59 0.00
DASHVILLE___HYD 23610	31.24 1.00 0.00	32.69 1.13 0.00	31.57 1.01 0.00	29.63 0.93 0.00	33.68 1.04 0.00	38.33 1.21 0.00	37.96 1.17 0.00	32.15 1.06 0.00	38.74 1.00 0.00	47.77 1.19 0.00	54.96 1.01 0.00	57.24 0.82 0.00	55.78 1.02 0.00	54.77 1.17 0.00	55.67 1.38 0.00	51.68 1.34 0.00	54.68 1.52 0.00	54.09 1.57 0.00	50.85 1.50 0.00	56.06 1.74 0.00	48.89 1.32 0.00	44.31 1.17 0.00	39.80 0.95 0.00	43.81 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.18 0.93 0.00	33.08 1.51 0.00	31.80 1.24 0.00	29.89 1.19 0.00	33.59 0.95 0.00	38.52 1.40 0.00	38.51 1.72 0.00	32.66 1.58 0.00	38.71 0.96 0.00	47.43 0.85 0.00	54.89 0.94 0.00	56.00 -0.42 0.00	54.11 -0.65 0.00	52.24 -1.35 0.00	53.77 -0.51 0.00	50.75 0.42 0.00	53.98 0.81 0.00	54.14 1.47 -0.15	50.74 1.39 0.00	56.79 2.06 -0.42	48.96 1.39 0.00	44.73 1.59 0.00	39.69 0.85 0.00	44.39 1.58 0.00
DELAWARE___LFGE 323621	30.68 0.44 0.00	32.04 0.48 0.00	30.96 0.40 0.00	29.05 0.35 0.00	33.04 0.40 0.00	37.61 0.50 0.00	37.31 0.52 0.00	31.60 0.51 0.00	38.32 0.58 0.00	47.28 0.71 0.00	54.66 0.71 0.00	57.08 0.66 0.00	55.50 0.73 0.00	54.40 0.80 0.00	55.08 0.80 0.00	51.11 0.77 0.00	54.06 0.89 0.00	53.42 0.89 0.00	50.32 0.97 0.00	55.41 1.09 0.00	48.48 0.91 0.00	43.96 0.82 0.00	39.53 0.69 0.00	43.47 0.66 0.00
DERFIELD_115KV_TB7 355931	30.27 0.03 0.00	31.61 0.04 0.00	30.61 0.05 0.00	28.76 0.06 0.00	32.71 0.07 0.00	37.20 0.08 0.00	36.87 0.08 0.00	31.18 0.09 0.00	37.75 0.01 0.00	46.59 0.01 0.00	53.91 -0.04 0.00	56.34 -0.07 0.00	54.74 -0.02 0.00	53.60 0.00 0.00	54.30 0.01 0.00	50.33 0.00 0.00	53.19 0.01 0.00	52.57 0.05 0.00	49.40 0.05 0.00	54.37 0.05 0.00	47.56 -0.01 0.00	43.11 -0.04 0.00	38.80 -0.05 0.00	42.73 -0.07 0.00
DOGLEVILLE___HYD 23807	30.03 -0.21 0.00	31.34 -0.22 0.00	30.44 -0.12 0.00	28.61 -0.08 0.00	32.58 -0.06 0.00	37.11 0.00 0.00	36.70 -0.09 0.00	31.08 -0.01 0.00	37.33 -0.41 0.00	46.02 -0.56 0.00	52.86 -1.09 0.00	55.44 -0.98 0.00	54.05 -0.71 0.00	53.02 -0.58 0.00	53.70 -0.58 0.00	49.84 -0.49 0.00	52.76 -0.41 0.00	52.32 -0.20 0.00	49.16 -0.19 0.00	54.06 -0.26 0.00	46.97 -0.60 0.00	42.40 -0.73 0.00	38.04 -0.81 0.00	41.81 -1.00 0.00
DUNKIRK___115KV_TB_200 55889	26.70 -2.64 0.90	24.95 -3.06 3.55	25.46 -2.84 2.26	26.01 -2.69 0.00	29.76 -2.88 0.00	33.92 -3.20 0.00	33.80 -2.99 0.00	25.60 -2.70 2.80	31.11 -2.78 3.85	41.52 -3.53 1.54	51.05 -2.90 0.00	54.43 -1.99 0.00	52.17 -2.60 0.00	50.10 -3.50 0.00	50.86 -3.43 0.00	47.47 -2.86 0.00	50.49 -2.68 0.00	49.66 -2.87 0.00	47.47 -1.88 0.00	52.57 -1.75 0.00	46.70 -0.87 0.00	42.35 -0.78 0.00	38.26 -0.59 0.00	41.63 -1.18 0.00
DUNKIRK___1 23563	26.70 -2.64 0.90	24.95 -3.06 3.55	25.46 -2.84 2.26	26.01 -2.69 0.00	29.76 -2.88 0.00	33.92 -3.20 0.00	33.80 -2.99 0.00	25.60 -2.70 2.80	31.11 -2.78 3.85	41.52 -3.53 1.54	51.05 -2.90 0.00	54.43 -1.99 0.00	52.17 -2.60 0.00	50.10 -3.50 0.00	50.86 -3.43 0.00	47.47 -2.86 0.00	50.49 -2.68 0.00	49.66 -2.87 0.00	47.47 -1.88 0.00	52.57 -1.75 0.00	46.70 -0.87 0.00	42.35 -0.78 0.00	38.26 -0.59 0.00	41.63 -1.18 0.00
DUNKIRK___2 23564	26.70 -2.64 0.90	24.95 -3.06 3.55	25.46 -2.84 2.26	26.01 -2.69 0.00	29.76 -2.88 0.00	33.92 -3.20 0.00	33.80 -2.99 0.00	25.60 -2.70 2.80	31.11 -2.78 3.85	41.52 -3.53 1.54	51.05 -2.90 0.00	54.43 -1.99 0.00	52.17 -2.60 0.00	50.10 -3.50 0.00	50.86 -3.43 0.00	47.47 -2.86 0.00	50.49 -2.68 0.00	49.66 -2.87 0.00	47.47 -1.88 0.00	52.57 -1.75 0.00	46.70 -0.87 0.00	42.35 -0.78 0.00	38.26 -0.59 0.00	41.63 -1.18 0.00
DUNKIRK___3 23565	26.74 -2.53 0.98	24.81 -2.93 3.83	25.51 -2.71 2.35	26.14 -2.56 0.00	29.91 -2.73 0.00	34.08 -3.04 0.00	33.91 -2.88 0.00	25.44 -2.60 3.05	30.89 -2.65 4.20	41.51 -3.40 1.68	51.05 -2.90 0.00	54.33 -2.09 0.00	52.04 -2.72 0.00	50.18 -3.42 0.00	50.86 -3.43 0.00	47.45 -2.88 0.00	50.38 -2.79 0.00	49.54 -2.98 0.00	47.32 -2.04 0.00	52.35 -1.97 0.00	46.46 -1.10 0.00	42.12 -1.02 0.00	38.10 -0.75 0.00	41.53 -1.27 0.00
DUNKIRK___4 23566	26.74 -2.53 0.98	24.81 -2.93 3.83	25.51 -2.71 2.35	26.14 -2.56 0.00	29.91 -2.73 0.00	34.08 -3.04 0.00	33.91 -2.88 0.00	25.44 -2.60 3.05	30.89 -2.65 4.20	41.51 -3.40 1.68	51.05 -2.90 0.00	54.33 -2.09 0.00	52.04 -2.72 0.00	50.18 -3.42 0.00	50.86 -3.43 0.00	47.45 -2.88 0.00	50.38 -2.79 0.00	49.54 -2.98 0.00	47.32 -2.04 0.00	52.35 -1.97 0.00	46.46 -1.10 0.00	42.12 -1.02 0.00	38.10 -0.75 0.00	41.53 -1.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.41 1.17 0.00	32.87 1.31 0.00	31.72 1.16 0.00	29.77 1.07 0.00	33.81 1.17 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.30 1.21 0.00	38.92 1.18 0.00	47.98 1.40 0.00	55.21 1.26 0.00	57.34 0.92 0.00	55.98 1.22 0.00	54.94 1.34 0.00	55.88 1.59 0.00	51.88 1.54 0.00	54.88 1.71 0.00	54.23 1.70 0.00	50.94 1.59 0.00	56.19 1.88 0.00	48.96 1.39 0.00	44.38 1.24 0.00	39.85 1.01 0.00	43.91 1.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.18 0.94 0.00	32.62 1.06 0.00	31.49 0.93 0.00	29.56 0.87 0.00	33.60 0.96 0.00	38.25 1.14 0.00	37.88 1.09 0.00	32.08 0.99 0.00	38.66 0.92 0.00	47.62 1.04 0.00	54.81 0.86 0.00	57.02 0.60 0.00	55.67 0.91 0.00	54.66 1.07 0.00	55.57 1.29 0.00	51.52 1.19 0.00	54.55 1.38 0.00	53.97 1.45 0.00	50.70 1.35 0.00	55.91 1.60 0.00	48.76 1.19 0.00	44.17 1.03 0.00	39.69 0.85 0.00	43.69 0.89 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.47 1.23 -0.01	32.95 1.39 -0.01	31.77 1.20 -0.01	29.82 1.12 -0.01	33.84 1.20 0.00	38.56 1.43 -0.01	38.21 1.41 -0.01	32.36 1.26 -0.01	39.03 1.29 0.00	48.12 1.54 0.00	55.31 1.36 0.00	57.43 1.01 0.00	56.11 1.35 0.00	55.00 1.40 0.00	55.91 1.63 0.00	51.91 1.58 0.00	54.91 1.74 0.00	54.25 1.73 0.00	50.96 1.61 0.00	56.20 1.88 -0.01	48.90 1.33 -0.01	44.34 1.20 -0.01	39.86 1.01 0.00	43.86 1.05 0.00
E179THST_13_KV_LOAD 356214	31.59 1.34 -0.01	33.06 1.50 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.95 1.31 0.00	38.68 1.56 -0.01	38.34 1.54 -0.01	32.47 1.37 -0.01	39.17 1.43 0.00	48.30 1.71 0.00	55.52 1.57 0.00	57.66 1.24 0.00	56.33 1.57 0.00	55.23 1.63 0.00	56.15 1.86 0.00	52.13 1.80 0.00	55.16 1.99 0.00	54.48 1.96 0.00	51.16 1.81 0.00	56.43 2.11 -0.01	49.11 1.53 -0.01	44.52 1.37 -0.01	40.02 1.17 0.00	44.03 1.22 0.00
EAST HAMPTON___GT 23717	30.69 0.44 0.00	32.82 1.26 0.00	31.50 0.94 0.00	29.58 0.88 0.00	33.09 0.45 0.00	37.91 0.79 0.00	37.85 1.07 0.00	32.11 1.02 0.00	38.15 0.41 0.00	46.97 0.39 0.00	54.87 0.92 0.00	55.96 -0.46 0.00	53.61 -1.15 0.00	51.23 -2.37 0.00	52.88 -1.40 0.00	49.87 -0.46 0.00	53.23 0.07 0.00	53.38 0.71 -0.15	50.32 0.98 0.00	56.33 1.60 -0.42	48.50 0.93 0.00	44.50 1.36 0.00	39.43 0.58 0.00	44.34 1.53 0.00
EAST RIVER___6 23660	31.53 1.30 0.00	32.99 1.42 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.92 1.28 0.00	38.61 1.50 0.00	38.24 1.45 0.00	32.39 1.31 0.00	39.07 1.34 0.00	48.19 1.61 0.00	55.43 1.48 0.00	57.54 1.12 0.00	56.20 1.45 0.00	55.16 1.56 0.00	56.11 1.82 0.00	52.09 1.76 0.00	55.09 1.92 0.00	54.41 1.88 0.00	51.09 1.74 0.00	56.35 2.03 0.00	49.06 1.50 0.00	44.47 1.33 0.00	39.94 1.10 0.00	43.98 1.17 0.00
EAST RIVER___7 23524	31.53 1.30 0.00	32.99 1.42 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.92 1.28 0.00	38.61 1.50 0.00	38.24 1.45 0.00	32.39 1.31 0.00	39.07 1.34 0.00	48.19 1.61 0.00	55.43 1.48 0.00	57.54 1.12 0.00	56.20 1.45 0.00	55.16 1.56 0.00	56.11 1.82 0.00	52.09 1.76 0.00	55.09 1.92 0.00	54.41 1.88 0.00	51.09 1.74 0.00	56.35 2.03 0.00	49.06 1.50 0.00	44.47 1.33 0.00	39.94 1.10 0.00	43.98 1.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.34 1.10 0.00	32.80 1.24 0.00	31.65 1.09 0.00	29.71 1.01 0.00	33.75 1.10 0.00	38.42 1.30 0.00	38.05 1.26 0.00	32.23 1.14 0.00	38.82 1.08 0.00	47.86 1.28 0.00	55.08 1.13 0.00	57.23 0.81 0.00	55.87 1.11 0.00	54.84 1.25 0.00	55.78 1.49 0.00	51.79 1.46 0.00	54.79 1.62 0.00	54.14 1.62 0.00	50.85 1.50 0.00	56.08 1.76 0.00	48.85 1.28 0.00	44.27 1.13 0.00	39.77 0.93 0.00	43.81 1.01 0.00
EAST_HAMPTON___DIESEL 23722	30.60 0.36 0.00	32.77 1.21 0.00	31.44 0.88 0.00	29.52 0.82 0.00	33.00 0.36 0.00	37.80 0.68 0.00	37.74 0.95 0.00	32.01 0.92 0.00	38.04 0.30 0.00	46.87 0.29 0.00	54.82 0.87 0.00	55.92 -0.50 0.00	53.51 -1.25 0.00	51.06 -2.53 0.00	52.72 -1.57 0.00	49.72 -0.60 0.00	53.10 -0.07 0.00	53.23 0.56 -0.15	50.22 0.87 0.00	56.21 1.48 -0.42	48.39 0.82 0.00	44.42 1.28 0.00	39.35 0.50 0.00	44.29 1.49 0.00
EAST_POINT___SOLAR 323840	32.02 1.78 0.00	33.32 1.76 0.00	32.16 1.60 0.00	30.19 1.49 0.00	34.47 1.83 0.00	39.29 2.17 0.00	39.12 2.33 0.00	33.17 2.08 0.00	40.40 2.66 0.00	50.01 3.43 0.00	57.40 3.46 0.00	60.64 4.22 0.00	58.82 4.06 0.00	57.52 3.93 0.00	58.32 4.03 0.00	54.15 3.82 0.00	57.11 3.94 0.00	56.44 3.91 0.00	53.23 3.88 0.00	58.58 4.26 0.00	51.29 3.73 0.00	46.32 3.18 0.00	41.54 2.70 0.00	45.68 2.88 0.00
EAST_PULASKI___ESR 323781	29.81 -0.43 0.00	31.11 -0.45 0.00	30.13 -0.43 0.00	28.26 -0.44 0.00	32.20 -0.44 0.00	36.70 -0.42 0.00	36.39 -0.40 0.00	30.84 -0.24 0.00	37.52 -0.22 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.25 -0.17 0.00	54.48 -0.28 0.00	53.19 -0.40 0.00	53.94 -0.34 0.00	49.96 -0.37 0.00	52.74 -0.43 0.00	52.00 -0.52 0.00	49.01 -0.34 0.00	53.98 -0.34 0.00	47.30 -0.27 0.00	42.81 -0.33 0.00	38.53 -0.32 0.00	42.43 -0.38 0.00
EAST_RIVER___1 323558	31.50 1.26 0.00	32.95 1.39 0.00	31.78 1.22 0.00	29.83 1.13 0.00	33.88 1.24 0.00	38.57 1.45 0.00	38.20 1.41 0.00	32.36 1.27 0.00	39.03 1.29 0.00	48.14 1.56 0.00	55.37 1.42 0.00	57.48 1.06 0.00	56.14 1.38 0.00	55.09 1.49 0.00	56.05 1.76 0.00	52.02 1.69 0.00	55.03 1.86 0.00	54.32 1.80 0.00	51.03 1.68 0.00	56.29 1.97 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
EAST_RIVER___2 323559	31.53 1.30 0.00	32.99 1.42 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.92 1.28 0.00	38.61 1.50 0.00	38.24 1.45 0.00	32.39 1.31 0.00	39.07 1.34 0.00	48.19 1.61 0.00	55.43 1.48 0.00	57.54 1.12 0.00	56.20 1.45 0.00	55.16 1.56 0.00	56.11 1.82 0.00	52.09 1.76 0.00	55.09 1.92 0.00	54.41 1.88 0.00	51.09 1.74 0.00	56.35 2.03 0.00	49.06 1.50 0.00	44.47 1.33 0.00	39.94 1.10 0.00	43.98 1.17 0.00
EAST___DELAWARE_HYD 23607	31.29 1.05 0.00	32.72 1.16 0.00	31.58 1.02 0.00	29.64 0.94 0.00	33.70 1.06 0.00	38.38 1.26 0.00	38.03 1.24 0.00	32.21 1.12 0.00	38.85 1.11 0.00	47.86 1.28 0.00	54.89 0.94 0.00	57.12 0.70 0.00	55.81 1.05 0.00	54.87 1.27 0.00	55.81 1.53 0.00	51.74 1.41 0.00	54.81 1.64 0.00	54.22 1.70 0.00	51.04 1.69 0.00	56.30 1.98 0.00	49.10 1.53 0.00	44.47 1.33 0.00	39.93 1.09 0.00	43.95 1.14 0.00
EIGHT_POINT___WT_PWR 323820	33.69 -3.30 -6.74	50.67 -3.68 -22.78	33.03 -3.74 -6.21	25.20 -3.50 0.00	28.86 -3.78 0.00	32.80 -4.31 0.00	32.64 -4.15 0.00	48.62 -3.49 -21.02	62.36 -4.34 -28.96	52.95 -5.18 -11.55	48.99 -4.96 0.00	52.38 -4.04 0.00	50.69 -4.08 0.00	50.39 -3.21 0.00	50.97 -3.32 0.00	47.09 -3.25 0.00	50.36 -2.81 0.00	49.81 -2.71 0.00	47.79 -1.56 0.00	53.19 -1.13 0.00	47.04 -0.53 0.00	42.68 -0.46 0.00	38.49 -0.36 0.00	41.83 -0.98 0.00
ELBRIDGE_115KV_TB2 80188	29.78 -0.46 0.00	31.08 -0.48 0.00	30.10 -0.46 0.00	28.24 -0.46 0.00	32.15 -0.50 0.00	36.59 -0.52 0.00	36.26 -0.52 0.00	30.70 -0.39 0.00	37.37 -0.37 0.00	46.04 -0.54 0.00	53.41 -0.54 0.00	55.96 -0.46 0.00	54.22 -0.54 0.00	53.02 -0.58 0.00	53.67 -0.62 0.00	49.75 -0.59 0.00	52.59 -0.58 0.00	51.85 -0.68 0.00	48.85 -0.50 0.00	53.80 -0.51 0.00	47.16 -0.40 0.00	42.74 -0.40 0.00	38.46 -0.38 0.00	42.42 -0.39 0.00
ELEC_TRO_TEK 24086	31.69 1.44 -0.01	33.16 1.60 0.00	31.97 1.41 0.00	30.00 1.31 0.00	34.03 1.38 0.00	38.78 1.66 0.00	38.50 1.71 0.00	32.64 1.56 0.00	39.05 1.31 0.00	48.04 1.46 0.00	55.34 1.39 0.00	57.22 0.80 0.00	55.82 1.06 0.00	54.79 1.20 0.00	55.68 1.39 -0.01	52.10 1.75 -0.02	55.05 1.87 -0.01	56.56 1.84 -2.20	50.95 1.60 -0.01	59.82 1.94 -3.56	48.97 1.40 0.00	44.42 1.28 0.00	39.82 0.98 0.00	44.00 1.19 0.00

ELLENBURG_WT_PWR 323604	30.42 0.18 0.00	31.60 0.04 0.00	30.39 -0.17 0.00	28.43 -0.26 0.00	32.34 -0.30 0.00	36.73 -0.38 0.00	36.58 -0.20 0.00	30.74 -0.34 0.00	37.71 -0.03 0.00	46.76 0.18 0.00	54.76 0.81 0.00	57.48 1.06 0.00	55.93 1.17 0.00	54.68 1.08 0.00	55.34 1.06 0.00	51.29 0.96 0.00	54.18 1.01 0.00	53.75 1.23 0.00	50.49 1.14 0.00	55.52 1.21 0.00	48.62 1.06 0.00	43.92 0.78 0.00	39.34 0.50 0.00	43.22 0.41 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.66 -2.23 1.35	23.93 -2.54 5.09	25.52 -2.32 2.72	26.48 -2.21 0.00	30.29 -2.36 0.00	34.51 -2.61 0.00	34.19 -2.60 0.00	24.47 -2.41 4.20	29.74 -2.21 5.79	41.28 -2.99 2.31	51.22 -2.73 0.00	54.35 -2.08 0.00	51.71 -3.05 0.00	50.38 -3.21 0.00	50.98 -3.31 0.00	47.58 -2.75 0.00	50.13 -3.04 0.00	49.28 -3.25 0.00	46.95 -2.40 0.00	51.72 -2.60 0.00	45.90 -1.67 0.00	41.55 -1.59 0.00	37.81 -1.03 0.00	41.41 -1.39 0.00
EMPIRE_CC_1 323656	30.70 0.46 0.00	32.14 0.58 0.00	31.22 0.66 0.00	29.33 0.64 0.00	33.34 0.70 0.00	37.84 0.73 0.00	37.36 0.57 0.00	31.51 0.42 0.00	37.86 0.12 0.00	46.70 0.12 0.00	53.89 -0.06 0.00	56.24 -0.17 0.00	54.78 0.02 0.00	53.63 0.03 0.00	54.36 0.08 0.00	50.45 0.12 0.00	53.23 0.06 0.00	52.89 0.36 0.00	49.63 0.27 0.00	54.59 0.27 0.00	47.69 0.12 0.00	43.32 0.18 0.00	39.19 0.35 0.00	43.18 0.38 0.00
EMPIRE_CC_2 323658	30.70 0.46 0.00	32.14 0.58 0.00	31.22 0.66 0.00	29.33 0.64 0.00	33.34 0.70 0.00	37.84 0.73 0.00	37.36 0.57 0.00	31.51 0.42 0.00	37.86 0.12 0.00	46.70 0.12 0.00	53.89 -0.06 0.00	56.24 -0.17 0.00	54.78 0.02 0.00	53.63 0.03 0.00	54.36 0.08 0.00	50.45 0.12 0.00	53.23 0.06 0.00	52.89 0.36 0.00	49.63 0.27 0.00	54.59 0.27 0.00	47.69 0.12 0.00	43.32 0.18 0.00	39.19 0.35 0.00	43.18 0.38 0.00
ENORWICH_115KV_TB1 80156	30.94 0.32 -0.38	33.85 0.37 -1.91	32.71 0.06 -2.08	28.28 -0.42 0.00	32.28 -0.36 0.00	37.31 0.19 0.00	37.55 0.76 0.00	33.14 0.86 -1.19	40.73 1.36 -1.64	49.08 1.85 -0.65	56.16 2.21 0.00	58.54 2.12 0.00	56.62 1.86 0.00	55.82 2.22 0.00	56.56 2.27 0.00	52.80 2.47 0.00	56.19 3.02 0.00	55.68 3.15 0.00	52.88 3.54 0.00	58.23 3.92 0.00	50.86 3.30 0.00	46.02 2.88 0.00	41.19 2.35 0.00	44.77 1.96 0.00
ERIE_ST__34_KV_TB1-2 80199	27.11 -1.99 1.14	24.85 -2.33 4.38	25.95 -2.09 2.51	26.74 -1.96 0.00	30.57 -2.07 0.00	34.82 -2.30 0.00	34.53 -2.26 0.00	25.40 -2.14 3.55	30.89 -1.95 4.89	42.06 -2.57 1.95	51.68 -2.27 0.00	54.76 -1.66 0.00	52.18 -2.58 0.00	50.92 -2.67 0.00	51.47 -2.82 0.00	48.01 -2.33 0.00	50.63 -2.54 0.00	49.75 -2.77 0.00	47.41 -1.94 0.00	52.25 -2.06 0.00	46.32 -1.25 0.00	41.92 -1.22 0.00	38.10 -0.75 0.00	41.70 -1.10 0.00
ERIE_WT_PWR 323693	26.91 -2.11 1.22	24.49 -2.42 4.65	25.73 -2.25 2.59	26.61 -2.08 0.00	30.43 -2.21 0.00	34.68 -2.44 0.00	34.38 -2.40 0.00	25.05 -2.24 3.80	30.48 -2.03 5.23	41.79 -2.70 2.09	51.51 -2.44 0.00	54.66 -1.76 0.00	52.03 -2.73 0.00	50.69 -2.91 0.00	51.27 -3.02 0.00	47.88 -2.45 0.00	50.42 -2.75 0.00	49.58 -2.94 0.00	47.25 -2.10 0.00	52.05 -2.26 0.00	46.19 -1.38 0.00	41.76 -1.37 0.00	38.02 -0.83 0.00	41.62 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	31.27 1.04 0.00	32.54 0.98 0.00	31.35 0.79 0.00	29.39 0.69 0.00	33.56 0.92 0.00	38.28 1.16 0.00	38.16 1.37 0.00	32.35 1.26 0.00	39.56 1.82 0.00	48.96 2.38 0.00	56.73 2.79 0.00	59.50 3.08 0.00	57.63 2.86 0.00	56.39 2.79 0.00	57.05 2.76 0.00	52.95 2.62 0.00	55.89 2.72 0.00	55.13 2.60 0.00	52.03 2.68 0.00	57.25 2.94 0.00	50.14 2.57 0.00	45.34 2.20 0.00	40.72 1.88 0.00	44.79 1.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.76 -0.09 -0.61	34.99 -0.12 -3.55	35.13 -0.15 -4.72	28.48 -0.21 0.00	32.43 -0.21 0.00	36.99 -0.13 0.00	36.76 -0.04 0.00	33.04 0.06 -1.89	40.51 0.17 -2.60	47.80 0.18 -1.04	54.24 0.29 0.00	56.82 0.40 0.00	55.03 0.27 0.00	53.85 0.25 0.00	54.52 0.23 0.00	50.61 0.28 0.00	53.64 0.47 0.00	52.95 0.42 0.00	50.00 0.65 0.00	55.10 0.79 0.00	48.29 0.72 0.00	43.71 0.57 0.00	39.31 0.47 0.00	43.20 0.40 0.00
ETNA____115KV_TB2 80207	30.76 -0.09 -0.61	34.99 -0.12 -3.55	35.13 -0.15 -4.72	28.48 -0.21 0.00	32.43 -0.21 0.00	36.99 -0.13 0.00	36.76 -0.04 0.00	33.04 0.06 -1.89	40.51 0.17 -2.60	47.80 0.18 -1.04	54.24 0.29 0.00	56.82 0.40 0.00	55.03 0.27 0.00	53.85 0.25 0.00	54.52 0.23 0.00	50.61 0.28 0.00	53.64 0.47 0.00	52.95 0.42 0.00	50.00 0.65 0.00	55.10 0.79 0.00	48.29 0.72 0.00	43.71 0.57 0.00	39.31 0.47 0.00	43.20 0.40 0.00
EUCLID__115KV_TB2 356179	29.72 -0.52 0.00	31.01 -0.56 0.00	30.04 -0.52 0.00	28.18 -0.52 0.00	32.08 -0.57 0.00	36.50 -0.62 0.00	36.20 -0.59 0.00	30.63 -0.45 0.00	37.25 -0.49 0.00	45.90 -0.68 0.00	53.25 -0.70 0.00	55.78 -0.64 0.00	54.03 -0.73 0.00	52.85 -0.75 0.00	53.50 -0.79 0.00	49.58 -0.75 0.00	52.37 -0.80 0.00	51.62 -0.91 0.00	48.64 -0.71 0.00	53.56 -0.76 0.00	46.96 -0.61 0.00	42.54 -0.60 0.00	38.34 -0.50 0.00	42.26 -0.54 0.00
E_CANADA_CAP_HY 24051	31.67 1.43 0.00	32.94 1.38 0.00	31.76 1.20 0.00	29.81 1.11 0.00	34.07 1.43 0.00	38.85 1.73 0.00	38.69 1.90 0.00	32.77 1.69 0.00	40.07 2.33 0.00	49.63 3.05 0.00	57.46 3.51 0.00	60.41 3.99 0.00	58.47 3.71 0.00	57.13 3.53 0.00	57.86 3.57 0.00	53.70 3.37 0.00	56.55 3.38 0.00	55.78 3.26 0.00	52.58 3.23 0.00	57.81 3.50 0.00	50.65 3.08 0.00	45.72 2.58 0.00	41.01 2.17 0.00	45.17 2.36 0.00
E_CANADA_MHWK_HY 24050	30.03 -0.21 0.00	31.34 -0.22 0.00	30.44 -0.12 0.00	28.61 -0.08 0.00	32.58 -0.06 0.00	37.11 0.00 0.00	36.70 -0.09 0.00	31.08 -0.01 0.00	37.33 -0.41 0.00	46.02 -0.56 0.00	52.86 -1.09 0.00	55.44 -0.98 0.00	54.05 -0.71 0.00	53.02 -0.58 0.00	53.70 -0.58 0.00	49.84 -0.49 0.00	52.76 -0.41 0.00	52.32 -0.20 0.00	49.16 -0.19 0.00	54.06 -0.26 0.00	46.97 -0.60 0.00	42.40 -0.73 0.00	38.04 -0.81 0.00	41.81 -1.00 0.00
E_FISHKILL__LBMP 23776	31.17 0.93 0.00	32.62 1.06 0.00	31.51 0.95 0.00	29.58 0.89 0.00	33.61 0.97 0.00	38.25 1.13 0.00	37.86 1.07 0.00	32.06 0.97 0.00	38.62 0.88 0.00	47.61 1.03 0.00	54.82 0.87 0.00	57.01 0.59 0.00	55.63 0.87 0.00	54.60 1.00 0.00	55.46 1.17 0.00	51.48 1.15 0.00	54.45 1.28 0.00	53.85 1.32 0.00	50.56 1.21 0.00	55.74 1.43 0.00	48.61 1.04 0.00	44.06 0.91 0.00	39.58 0.74 0.00	43.59 0.79 0.00
FALCON___SEABRD_CC1 323796	30.66 0.42 0.00	31.85 0.29 0.00	30.63 0.08 0.00	28.64 -0.05 0.00	32.59 -0.05 0.00	36.96 -0.16 0.00	36.84 0.05 0.00	30.93 -0.16 0.00	37.88 0.14 0.00	47.01 0.43 0.00	55.06 1.11 0.00	57.78 1.36 0.00	56.34 1.58 0.00	55.05 1.45 0.00	55.66 1.37 0.00	51.57 1.24 0.00	54.50 1.33 0.00	54.20 1.68 0.00	50.95 1.59 0.00	56.02 1.71 0.00	49.05 1.48 0.00	44.31 1.17 0.00	39.68 0.84 0.00	43.59 0.78 0.00

FALCON___SEABRD_CC2 323797	30.66 0.42 0.00	31.85 0.29 0.00	30.63 0.08 0.00	28.64 -0.05 0.00	32.59 -0.05 0.00	36.96 -0.16 0.00	36.84 0.05 0.00	30.93 -0.16 0.00	37.88 0.14 0.00	47.01 0.43 0.00	55.06 1.11 0.00	57.78 1.36 0.00	56.34 1.58 0.00	55.05 1.45 0.00	55.66 1.37 0.00	51.57 1.24 0.00	54.50 1.33 0.00	54.20 1.68 0.00	50.95 1.59 0.00	56.02 1.71 0.00	49.05 1.48 0.00	44.31 1.17 0.00	39.68 0.84 0.00	43.59 0.78 0.00
FAR ROCKAWAY___4 23548	32.05 1.79 -0.02	33.52 1.96 0.00	32.32 1.76 0.00	30.30 1.60 0.00	34.37 1.73 0.00	39.15 2.04 0.00	38.85 2.06 0.00	32.94 1.85 0.00	39.36 1.63 0.00	48.47 1.89 0.00	55.82 1.88 0.00	57.75 1.33 0.00	56.28 1.52 0.00	55.27 1.67 0.00	56.28 1.97 -0.02	52.75 2.37 -0.05	55.71 2.50 -0.04	59.37 2.36 -4.49	51.54 2.17 -0.02	64.02 2.60 -7.10	49.54 1.96 -0.02	44.94 1.80 0.00	40.28 1.43 0.00	44.50 1.69 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.50 1.26 0.00	32.96 1.40 0.00	31.79 1.23 0.00	29.84 1.14 0.00	33.89 1.25 0.00	38.58 1.46 0.00	38.21 1.42 0.00	32.37 1.28 0.00	39.04 1.30 0.00	48.16 1.58 0.00	55.38 1.43 0.00	57.48 1.06 0.00	56.15 1.39 0.00	55.10 1.50 0.00	56.05 1.76 0.00	52.02 1.69 0.00	55.03 1.86 0.00	54.32 1.80 0.00	51.04 1.69 0.00	56.30 1.98 0.00	49.01 1.44 0.00	44.42 1.28 0.00	39.90 1.06 0.00	43.95 1.15 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.51 1.27 0.00	32.97 1.41 0.00	31.79 1.24 0.00	29.84 1.15 0.00	33.90 1.26 0.00	38.59 1.48 0.00	38.23 1.44 0.00	32.39 1.30 0.00	39.05 1.31 0.00	48.17 1.59 0.00	55.39 1.44 0.00	57.51 1.09 0.00	56.15 1.39 0.00	55.11 1.51 0.00	56.06 1.77 0.00	52.05 1.71 0.00	55.05 1.88 0.00	54.35 1.83 0.00	51.05 1.70 0.00	56.32 2.01 0.00	49.03 1.46 0.00	44.45 1.31 0.00	39.93 1.08 0.00	43.97 1.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.49 1.25 0.00	32.94 1.38 0.00	31.77 1.22 0.00	29.83 1.13 0.00	33.87 1.23 0.00	38.56 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.02 1.28 0.00	48.13 1.56 0.00	55.35 1.40 0.00	57.46 1.04 0.00	56.11 1.35 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.00 1.66 0.00	55.00 1.84 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.26 1.95 0.00	48.99 1.42 0.00	44.41 1.27 0.00	39.89 1.05 0.00	43.92 1.12 0.00
FARRAGUT___LBMP 323566	31.48 1.24 0.00	32.93 1.37 0.00	31.76 1.20 0.00	29.81 1.11 0.00	33.86 1.22 0.00	38.54 1.43 0.00	38.17 1.38 0.00	32.33 1.25 0.00	38.99 1.25 0.00	48.10 1.52 0.00	55.31 1.36 0.00	57.42 1.00 0.00	56.08 1.32 0.00	55.03 1.43 0.00	55.98 1.69 0.00	51.96 1.63 0.00	54.97 1.80 0.00	54.25 1.73 0.00	50.97 1.62 0.00	56.23 1.92 0.00	48.95 1.38 0.00	44.38 1.24 0.00	39.86 1.01 0.00	43.89 1.09 0.00
FENNER___WINDPWR 24204	30.39 0.15 0.00	31.98 0.15 -0.27	31.41 0.10 -0.76	28.75 0.05 0.00	32.73 0.09 0.00	37.35 0.23 0.00	37.19 0.40 0.00	31.53 0.44 0.00	38.27 0.53 0.00	47.27 0.69 0.00	54.88 0.93 0.00	57.45 1.03 0.00	55.69 0.93 0.00	54.52 0.92 0.00	55.22 0.93 0.00	51.18 0.85 0.00	54.14 0.97 0.00	53.47 0.95 0.00	50.36 1.01 0.00	55.40 1.09 0.00	48.48 0.91 0.00	43.88 0.74 0.00	39.48 0.64 0.00	43.40 0.60 0.00
FIBERTEK___ENERGY 23856	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
FITZPATRICK____ 23598	29.40 -0.84 0.00	30.68 -0.88 0.00	29.72 -0.84 0.00	27.90 -0.80 0.00	31.74 -0.90 0.00	36.10 -1.02 0.00	35.79 -1.00 0.00	30.28 -0.81 0.00	36.80 -0.94 0.00	45.36 -1.22 0.00	52.59 -1.36 0.00	55.06 -1.36 0.00	53.37 -1.39 0.00	52.22 -1.38 0.00	52.83 -1.46 0.00	48.93 -1.40 0.00	51.66 -1.51 0.00	50.90 -1.62 0.00	47.93 -1.43 0.00	52.75 -1.56 0.00	46.26 -1.31 0.00	41.92 -1.22 0.00	37.77 -1.07 0.00	41.70 -1.10 0.00
FLOWRFLD_69_KV_BK1 356044	31.66 1.42 0.00	33.22 1.66 0.00	32.01 1.45 0.00	30.07 1.37 0.00	33.98 1.34 0.00	38.88 1.76 0.00	38.78 1.99 0.00	32.90 1.81 0.00	39.09 1.35 0.00	47.85 1.27 0.00	55.07 1.12 0.00	56.42 0.00 0.00	55.01 0.25 0.00	53.79 0.19 0.00	54.99 0.70 0.00	51.89 1.56 0.00	54.96 1.79 0.00	54.78 2.09 0.00	51.09 1.74 0.00	57.00 2.24 -0.45	49.13 1.56 0.00	44.67 1.53 0.00	39.82 0.98 0.00	44.18 1.37 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.48 1.24 0.00	32.94 1.38 0.00	31.80 1.24 0.00	29.85 1.15 0.00	33.93 1.29 0.00	38.62 1.50 0.00	38.26 1.47 0.00	32.40 1.31 0.00	39.02 1.28 0.00	48.09 1.51 0.00	55.36 1.41 0.00	57.61 1.19 0.00	56.22 1.46 0.00	55.21 1.62 0.00	56.10 1.81 0.00	52.03 1.70 0.00	55.09 1.92 0.00	54.51 1.99 0.00	51.24 1.89 0.00	56.50 2.19 0.00	49.27 1.70 0.00	44.62 1.48 0.00	40.07 1.22 0.00	44.09 1.29 0.00
FORT ORANGE____ 23900	30.79 0.55 0.00	32.18 0.62 0.00	31.22 0.66 0.00	29.38 0.68 0.00	33.33 0.69 0.00	37.87 0.75 0.00	37.42 0.64 0.00	31.55 0.46 0.00	37.97 0.23 0.00	46.83 0.25 0.00	54.06 0.11 0.00	56.42 0.00 0.00	54.96 0.20 0.00	53.88 0.28 0.00	54.61 0.32 0.00	50.68 0.35 0.00	53.56 0.39 0.00	53.10 0.58 0.00	49.85 0.50 0.00	54.87 0.56 0.00	47.94 0.37 0.00	43.47 0.33 0.00	39.12 0.27 0.00	43.07 0.27 0.00
FORT_DRUM_COGEN 23780	30.68 0.44 0.00	32.06 0.49 0.00	31.05 0.48 0.00	29.08 0.38 0.00	33.25 0.61 0.00	38.04 0.92 0.00	37.74 0.95 0.00	32.05 0.97 0.00	39.00 1.26 0.00	48.42 1.84 0.00	56.20 2.25 0.00	58.74 2.32 0.00	56.79 2.03 0.00	55.30 1.70 0.00	56.31 2.02 0.00	52.15 1.81 0.00	54.98 1.81 0.00	54.28 1.75 0.00	51.19 1.84 0.00	56.41 2.09 0.00	49.42 1.85 0.00	44.63 1.49 0.00	40.04 1.19 0.00	43.94 1.13 0.00
FOX_HILLS___ESR 323835	51.35 1.50 -19.61	50.81 1.64 -17.61	50.67 1.41 -18.70	50.19 1.29 -20.20	50.01 1.42 -15.95	50.20 1.66 -11.42	50.20 1.62 -11.79	50.03 1.43 -17.51	50.59 1.52 -11.33	50.68 1.86 -2.24	55.55 1.60 0.00	57.70 1.28 0.00	74.46 1.70 -18.00	57.60 1.81 -2.20	58.48 2.06 -2.14	52.27 1.93 -0.01	75.31 2.15 -19.99	54.62 2.08 -0.01	58.82 1.92 -7.54	58.65 2.22 -2.12	55.51 1.69 -6.26	52.15 1.55 -7.45	46.80 1.33 -6.63	46.79 1.40 -2.59
FPL FAR_ROCK_GT1 24212	32.05 1.79 -0.02	33.52 1.96 0.00	32.32 1.76 0.00	30.30 1.60 0.00	34.37 1.73 0.00	39.15 2.04 0.00	38.85 2.06 0.00	32.94 1.85 0.00	39.36 1.62 0.00	48.46 1.88 0.00	55.83 1.88 0.00	57.75 1.33 0.00	56.28 1.52 0.00	55.27 1.68 0.00	56.28 1.97 -0.02	52.75 2.37 -0.05	55.74 2.53 -0.04	59.37 2.36 -4.49	51.54 2.17 -0.02	64.02 2.60 -7.10	49.54 1.96 -0.02	44.94 1.80 0.00	40.28 1.43 0.00	44.49 1.69 0.00

FPL FAR_ROCK_GT2 23815	32.05 1.79 -0.02	33.52 1.96 0.00	32.32 1.76 0.00	30.30 1.60 0.00	34.37 1.73 0.00	39.15 2.04 0.00	38.85 2.06 0.00	32.94 1.85 0.00	39.36 1.62 0.00	48.46 1.88 0.00	55.83 1.88 0.00	57.75 1.33 0.00	56.28 1.52 0.00	55.27 1.68 0.00	56.28 1.97 -0.02	52.75 2.37 -0.05	55.74 2.53 -0.04	59.37 2.36 -4.49	51.54 2.17 -0.02	64.02 2.60 -7.10	49.54 1.96 -0.02	44.94 1.80 0.00	40.28 1.43 0.00	44.49 1.69 0.00
FRANKLIN_FALL_HYD 24054	30.66 0.42 0.00	31.85 0.29 0.00	30.67 0.11 0.00	28.73 0.03 0.00	32.69 0.05 0.00	37.14 0.02 0.00	37.04 0.25 0.00	31.18 0.09 0.00	38.26 0.52 0.00	47.53 0.95 0.00	55.53 1.58 0.00	58.26 1.84 0.00	56.57 1.81 0.00	55.26 1.66 0.00	55.90 1.61 0.00	51.81 1.48 0.00	54.76 1.60 0.00	54.32 1.80 0.00	51.05 1.70 0.00	56.14 1.83 0.00	49.23 1.66 0.00	44.49 1.35 0.00	39.84 1.00 0.00	43.73 0.93 0.00
FREEPORT_EQUS_GT1 23764	31.86 1.61 -0.01	33.33 1.77 0.00	32.13 1.57 0.00	30.15 1.45 0.00	34.19 1.55 0.00	38.96 1.85 0.00	38.70 1.91 0.00	32.82 1.73 0.00	39.21 1.47 0.00	48.19 1.61 0.00	55.54 1.59 0.00	57.34 0.92 0.00	55.90 1.14 0.00	54.84 1.25 0.00	55.83 1.53 -0.01	52.38 2.03 -0.02	55.35 2.17 -0.01	56.34 2.10 -1.72	51.18 1.83 -0.01	59.20 2.06 -2.83	49.25 1.67 0.00	44.67 1.53 0.00	40.04 1.20 0.00	44.24 1.43 0.00
FREEPORT___CT2 23818	31.86 1.61 -0.01	33.33 1.77 0.00	32.13 1.57 0.00	30.15 1.45 0.00	34.19 1.55 0.00	38.96 1.85 0.00	38.70 1.91 0.00	32.82 1.73 0.00	39.21 1.47 0.00	48.19 1.61 0.00	55.54 1.59 0.00	57.34 0.92 0.00	55.90 1.14 0.00	54.84 1.25 0.00	55.83 1.53 -0.01	52.38 2.03 -0.02	55.35 2.17 -0.01	56.34 2.10 -1.72	51.18 1.83 -0.01	59.20 2.06 -2.83	49.25 1.67 0.00	44.67 1.53 0.00	40.04 1.20 0.00	44.24 1.43 0.00
FRESHKLS_33_KV_LOAD 356253	51.34 1.49 -19.61	50.81 1.64 -17.61	50.65 1.39 -18.70	50.18 1.28 -20.20	50.00 1.41 -15.95	50.20 1.66 -11.42	50.20 1.62 -11.79	50.01 1.41 -17.51	50.57 1.51 -11.33	50.64 1.82 -2.24	55.41 1.46 0.00	57.51 1.09 0.00	74.34 1.57 -18.00	57.46 1.66 -2.20	58.40 1.98 -2.14	52.20 1.86 -0.01	75.25 2.09 -19.99	54.54 2.01 -0.01	58.73 1.84 -7.54	58.54 2.11 -2.12	55.44 1.61 -6.26	52.09 1.50 -7.45	46.75 1.27 -6.63	46.72 1.32 -2.59
FULTON COGEN____ 23766	29.62 -0.62 0.00	30.90 -0.66 0.00	29.93 -0.63 0.00	28.08 -0.61 0.00	31.95 -0.69 0.00	36.38 -0.74 0.00	36.07 -0.72 0.00	30.54 -0.55 0.00	37.13 -0.61 0.00	45.76 -0.82 0.00	53.06 -0.89 0.00	55.58 -0.84 0.00	53.87 -0.90 0.00	52.66 -0.93 0.00	53.32 -0.97 0.00	49.40 -0.94 0.00	52.16 -1.01 0.00	51.40 -1.12 0.00	48.44 -0.91 0.00	53.33 -0.98 0.00	46.75 -0.82 0.00	42.33 -0.81 0.00	38.14 -0.70 0.00	42.07 -0.74 0.00
FULTON___LFGE 323630	31.74 1.50 0.00	33.07 1.51 0.00	31.94 1.39 0.00	29.98 1.28 0.00	34.21 1.57 0.00	38.96 1.85 0.00	38.74 1.95 0.00	32.83 1.75 0.00	39.96 2.22 0.00	49.44 2.86 0.00	57.01 3.06 0.00	59.94 3.52 0.00	58.11 3.35 0.00	56.80 3.20 0.00	57.55 3.26 0.00	53.44 3.10 0.00	56.38 3.21 0.00	55.71 3.19 0.00	52.48 3.13 0.00	57.75 3.43 0.00	50.56 2.99 0.00	45.71 2.57 0.00	41.02 2.18 0.00	45.14 2.33 0.00
G.F.CEMENT___DRP 24184	31.93 1.69 0.00	33.34 1.77 0.00	32.35 1.79 0.00	30.38 1.68 0.00	34.57 1.93 0.00	39.12 2.01 0.00	38.77 1.98 0.00	32.82 1.73 0.00	39.67 1.94 0.00	49.04 2.46 0.00	56.64 2.69 0.00	59.21 2.80 0.00	57.59 2.83 0.00	56.41 2.82 0.00	57.20 2.91 0.00	53.05 2.72 0.00	56.16 2.99 0.00	55.92 3.40 0.00	52.56 3.21 0.00	57.81 3.49 0.00	50.49 2.92 0.00	45.67 2.52 0.00	40.94 2.10 0.00	45.08 2.27 0.00
GARDENVILLE___LBMP 24039	26.76 -2.20 1.28	24.18 -2.53 4.85	25.60 -2.31 2.65	26.52 -2.18 0.00	30.32 -2.33 0.00	34.54 -2.57 0.00	34.25 -2.54 0.00	24.73 -2.36 3.99	30.07 -2.18 5.49	41.47 -2.92 2.19	51.32 -2.63 0.00	54.45 -1.97 0.00	51.85 -2.91 0.00	50.49 -3.11 0.00	51.08 -3.21 0.00	47.68 -2.66 0.00	50.25 -2.92 0.00	49.41 -3.12 0.00	47.09 -2.27 0.00	51.88 -2.44 0.00	46.04 -1.53 0.00	41.67 -1.47 0.00	37.91 -0.94 0.00	41.50 -1.30 0.00
GARDNVLA_35_KV_LD 355827	27.01 -2.04 1.19	24.65 -2.37 4.54	25.84 -2.16 2.56	26.66 -2.04 0.00	30.47 -2.17 0.00	34.73 -2.39 0.00	34.44 -2.35 0.00	25.19 -2.20 3.70	30.69 -1.95 5.10	41.91 -2.63 2.03	51.66 -2.29 0.00	54.81 -1.61 0.00	52.16 -2.60 0.00	50.84 -2.76 0.00	51.42 -2.86 0.00	48.00 -2.33 0.00	50.56 -2.61 0.00	49.72 -2.81 0.00	47.38 -1.97 0.00	52.18 -2.13 0.00	46.32 -1.25 0.00	41.88 -1.26 0.00	38.10 -0.74 0.00	41.72 -1.08 0.00
GELCKHM___115KV_LOAD 80723	29.80 -0.43 0.00	31.09 -0.47 0.00	30.11 -0.45 0.00	28.26 -0.44 0.00	32.16 -0.48 0.00	36.60 -0.52 0.00	36.29 -0.50 0.00	30.73 -0.36 0.00	37.37 -0.37 0.00	46.04 -0.54 0.00	53.41 -0.55 0.00	55.94 -0.48 0.00	54.20 -0.56 0.00	53.01 -0.59 0.00	53.67 -0.62 0.00	49.73 -0.60 0.00	52.54 -0.63 0.00	51.80 -0.73 0.00	48.81 -0.55 0.00	53.74 -0.57 0.00	47.12 -0.45 0.00	42.68 -0.46 0.00	38.45 -0.39 0.00	42.39 -0.42 0.00
GENERAL___MILLS 23808	26.91 -2.11 1.22	24.48 -2.44 4.65	25.75 -2.22 2.59	26.60 -2.10 0.00	30.40 -2.24 0.00	34.65 -2.46 0.00	34.37 -2.43 0.00	25.02 -2.27 3.80	30.44 -2.07 5.23	41.72 -2.77 2.09	51.49 -2.46 0.00	54.63 -1.79 0.00	52.01 -2.75 0.00	50.68 -2.92 0.00	51.26 -3.03 0.00	47.85 -2.49 0.00	50.40 -2.77 0.00	49.56 -2.96 0.00	47.23 -2.12 0.00	52.03 -2.28 0.00	46.17 -1.39 0.00	41.77 -1.37 0.00	38.00 -0.84 0.00	41.60 -1.20 0.00
GE_PLASTICS___DRP 24183	30.68 0.44 0.00	32.07 0.51 0.00	31.10 0.54 0.00	29.24 0.54 0.00	33.19 0.55 0.00	37.72 0.61 0.00	37.29 0.50 0.00	31.47 0.38 0.00	37.91 0.17 0.00	46.76 0.18 0.00	53.99 0.04 0.00	56.33 -0.09 0.00	54.85 0.08 0.00	53.74 0.15 0.00	54.47 0.19 0.00	50.56 0.22 0.00	53.43 0.26 0.00	52.91 0.39 0.00	49.69 0.33 0.00	54.68 0.37 0.00	47.80 0.23 0.00	43.36 0.22 0.00	39.03 0.19 0.00	42.99 0.19 0.00
GILBOA___1 23756	30.66 0.42 0.00	32.05 0.49 0.00	31.02 0.47 0.00	29.13 0.44 0.00	33.11 0.47 0.00	37.65 0.54 0.00	37.28 0.49 0.00	31.53 0.45 0.00	38.08 0.34 0.00	46.96 0.38 0.00	54.23 0.28 0.00	56.59 0.17 0.00	55.06 0.30 0.00	53.95 0.35 0.00	54.61 0.33 0.00	50.67 0.33 0.00	53.57 0.39 0.00	52.92 0.40 0.00	49.76 0.40 0.00	54.74 0.42 0.00	47.93 0.36 0.00	43.54 0.40 0.00	39.17 0.32 0.00	43.14 0.33 0.00
GILBOA___2 23757	30.66 0.42 0.00	32.05 0.49 0.00	31.02 0.47 0.00	29.13 0.44 0.00	33.11 0.47 0.00	37.65 0.54 0.00	37.28 0.49 0.00	31.53 0.45 0.00	38.08 0.34 0.00	46.96 0.38 0.00	54.23 0.28 0.00	56.59 0.17 0.00	55.06 0.30 0.00	53.95 0.35 0.00	54.61 0.33 0.00	50.67 0.33 0.00	53.57 0.39 0.00	52.92 0.40 0.00	49.76 0.40 0.00	54.74 0.42 0.00	47.93 0.36 0.00	43.54 0.40 0.00	39.17 0.32 0.00	43.14 0.33 0.00

GILBOA___3 23758	30.66 0.42 0.00	32.05 0.49 0.00	31.02 0.47 0.00	29.13 0.44 0.00	33.11 0.47 0.00	37.65 0.54 0.00	37.28 0.49 0.00	31.53 0.45 0.00	38.08 0.34 0.00	46.96 0.38 0.00	54.23 0.28 0.00	56.59 0.17 0.00	55.06 0.30 0.00	53.95 0.35 0.00	54.61 0.33 0.00	50.67 0.33 0.00	53.57 0.39 0.00	52.92 0.40 0.00	49.76 0.40 0.00	54.74 0.42 0.00	47.93 0.36 0.00	43.54 0.40 0.00	39.17 0.32 0.00	43.14 0.33 0.00
GILBOA___4 23759	30.66 0.42 0.00	32.05 0.49 0.00	31.02 0.47 0.00	29.13 0.44 0.00	33.11 0.47 0.00	37.65 0.54 0.00	37.28 0.49 0.00	31.53 0.45 0.00	38.08 0.34 0.00	46.96 0.38 0.00	54.23 0.28 0.00	56.59 0.17 0.00	55.06 0.30 0.00	53.95 0.35 0.00	54.61 0.33 0.00	50.67 0.33 0.00	53.57 0.39 0.00	52.92 0.40 0.00	49.76 0.40 0.00	54.74 0.42 0.00	47.93 0.36 0.00	43.54 0.40 0.00	39.17 0.32 0.00	43.14 0.33 0.00
GILBOA___ 23599	30.66 0.42 0.00	32.05 0.49 0.00	31.02 0.47 0.00	29.13 0.43 0.00	33.11 0.47 0.00	37.65 0.54 0.00	37.28 0.49 0.00	31.54 0.45 0.00	38.08 0.34 0.00	46.96 0.38 0.00	54.23 0.28 0.00	56.59 0.17 0.00	55.07 0.30 0.00	53.95 0.35 0.00	54.61 0.32 0.00	50.66 0.33 0.00	53.57 0.39 0.00	52.92 0.40 0.00	49.76 0.41 0.00	54.74 0.42 0.00	47.92 0.36 0.00	43.54 0.40 0.00	39.17 0.33 0.00	43.14 0.34 0.00
GINNA___ 23603	27.99 -2.25 0.00	28.95 -2.42 0.19	27.71 -2.31 0.54	26.49 -2.21 0.00	30.21 -2.43 0.00	34.43 -2.69 0.00	34.15 -2.64 0.00	28.87 -2.22 0.00	35.46 -2.28 0.00	43.64 -2.94 0.00	50.81 -3.14 0.00	53.50 -2.93 0.00	51.43 -3.33 0.00	50.25 -3.35 0.00	50.83 -3.46 0.00	47.29 -3.04 0.00	49.88 -3.29 0.00	49.14 -3.38 0.00	46.50 -2.85 0.00	51.19 -3.12 0.00	45.09 -2.48 0.00	40.79 -2.35 0.00	36.85 -2.00 0.00	40.48 -2.33 0.00
GLEN PARK___ 23778	30.79 0.55 0.00	32.17 0.61 0.00	31.14 0.58 0.00	29.17 0.47 0.00	33.35 0.71 0.00	38.15 1.04 0.00	37.87 1.08 0.00	32.20 1.11 0.00	39.18 1.44 0.00	48.64 2.06 0.00	56.44 2.49 0.00	59.02 2.60 0.00	57.02 2.26 0.00	55.44 1.85 0.00	56.54 2.25 0.00	52.31 1.98 0.00	55.17 2.00 0.00	54.40 1.88 0.00	51.31 1.96 0.00	56.57 2.25 0.00	49.56 1.99 0.00	44.75 1.61 0.00	40.14 1.30 0.00	44.02 1.21 0.00
GLENDALE_27_KV_LOAD 356172	31.71 1.46 -0.01	33.16 1.60 -0.01	31.97 1.40 -0.01	30.00 1.30 -0.01	34.06 1.42 0.00	38.80 1.68 -0.01	38.44 1.65 -0.01	32.56 1.47 -0.01	39.30 1.56 0.00	48.47 1.89 0.00	55.72 1.77 0.00	57.86 1.44 0.00	56.52 1.76 0.00	55.46 1.87 0.00	56.39 2.11 0.00	52.36 2.03 0.00	55.39 2.22 0.00	54.70 2.17 0.00	56.27 2.05 -4.87	58.80 2.37 -2.12	57.34 1.81 -7.96	44.83 1.62 -0.07	40.20 1.35 0.00	44.23 1.42 0.00
GLENWOOD_IC_1_G5 23712	31.84 1.59 0.00	33.32 1.75 0.00	32.12 1.56 0.00	30.14 1.45 0.00	34.19 1.54 0.00	38.96 1.84 0.00	38.69 1.90 0.00	32.81 1.73 0.00	39.24 1.50 0.00	48.30 1.72 0.00	55.61 1.66 0.00	57.52 1.10 0.00	56.08 1.32 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.22 1.88 -0.01	55.23 2.05 -0.01	56.00 2.04 -1.43	51.21 1.85 0.00	58.84 2.18 -2.35	49.20 1.63 0.00	44.62 1.48 0.00	40.02 1.18 0.00	44.16 1.35 0.00
GLENWOOD_IC_2_G1 23688	31.76 1.52 0.00	33.23 1.67 0.00	32.03 1.48 0.00	30.07 1.37 0.00	34.10 1.46 0.00	38.86 1.75 0.00	38.59 1.80 0.00	32.72 1.63 0.00	39.15 1.40 0.00	48.16 1.58 0.00	55.48 1.53 0.00	57.38 0.96 0.00	55.96 1.20 0.00	54.91 1.31 0.00	55.82 1.53 0.00	51.98 1.65 0.00	54.99 1.82 0.00	54.36 1.80 -0.04	50.98 1.63 0.00	56.30 1.92 -0.06	48.98 1.42 0.00	44.42 1.28 0.00	39.87 1.03 0.00	43.97 1.16 0.00
GLENWOOD_IC_3_G1 23689	31.76 1.52 0.00	33.23 1.67 0.00	32.03 1.48 0.00	30.07 1.37 0.00	34.10 1.46 0.00	38.86 1.75 0.00	38.59 1.80 0.00	32.72 1.63 0.00	39.15 1.40 0.00	48.16 1.58 0.00	55.48 1.53 0.00	57.38 0.96 0.00	55.96 1.20 0.00	54.91 1.31 0.00	55.82 1.53 0.00	51.98 1.65 0.00	54.99 1.82 0.00	54.36 1.80 -0.04	50.98 1.63 0.00	56.30 1.92 -0.06	48.98 1.42 0.00	44.42 1.28 0.00	39.87 1.03 0.00	43.97 1.16 0.00
GLENWOOD___4 23550	31.84 1.59 0.00	33.32 1.75 0.00	32.12 1.56 0.00	30.14 1.45 0.00	34.19 1.54 0.00	38.96 1.84 0.00	38.69 1.90 0.00	32.81 1.73 0.00	39.24 1.50 0.00	48.30 1.72 0.00	55.61 1.66 0.00	57.52 1.10 0.00	56.08 1.32 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.22 1.88 -0.01	55.23 2.05 -0.01	56.00 2.04 -1.43	51.21 1.85 0.00	58.84 2.18 -2.35	49.20 1.63 0.00	44.62 1.48 0.00	40.02 1.18 0.00	44.16 1.35 0.00
GLENWOOD___5 23614	31.84 1.59 0.00	33.32 1.75 0.00	32.12 1.56 0.00	30.14 1.45 0.00	34.19 1.54 0.00	38.96 1.84 0.00	38.69 1.90 0.00	32.81 1.73 0.00	39.24 1.50 0.00	48.30 1.72 0.00	55.61 1.66 0.00	57.52 1.10 0.00	56.08 1.32 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.22 1.88 -0.01	55.23 2.05 -0.01	56.00 2.04 -1.43	51.21 1.85 0.00	58.84 2.18 -2.35	49.20 1.63 0.00	44.62 1.48 0.00	40.02 1.18 0.00	44.16 1.35 0.00
GLOBAL GREEN_PORT_GT1 23814	31.03 0.79 0.00	33.03 1.47 0.00	31.74 1.18 0.00	29.82 1.12 0.00	33.45 0.81 0.00	38.33 1.22 0.00	38.30 1.52 0.00	32.49 1.40 0.00	38.55 0.81 0.00	47.33 0.75 0.00	55.01 1.06 0.00	56.11 -0.31 0.00	54.00 -0.76 0.00	51.92 -1.67 0.00	53.52 -0.77 0.00	50.50 0.17 0.00	53.82 0.66 0.00	53.96 1.29 -0.15	50.73 1.38 0.00	56.77 2.04 -0.42	48.91 1.34 0.00	44.77 1.63 0.00	39.69 0.85 0.00	44.49 1.69 0.00
GLOBE___DSASP 323697	25.89 -2.79 1.57	22.74 -2.99 5.83	24.79 -2.84 2.94	25.91 -2.79 0.00	29.65 -2.99 0.00	33.75 -3.36 0.00	33.42 -3.37 0.00	23.08 -3.12 4.88	28.02 -2.99 6.72	39.88 -4.01 2.68	49.94 -4.01 0.00	52.98 -3.44 0.00	50.28 -4.48 0.00	49.06 -4.54 0.00	49.61 -4.68 0.00	46.34 -3.99 0.00	48.74 -4.43 0.00	47.90 -4.63 0.00	45.62 -3.73 0.00	50.17 -4.14 0.00	44.62 -2.94 0.00	40.44 -2.70 0.00	37.04 -1.80 0.00	40.67 -2.14 0.00
GOETHSLN___LBMP 323567	31.29 1.05 0.00	32.75 1.19 0.00	31.58 1.02 0.00	29.65 0.95 0.00	33.67 1.03 0.00	38.34 1.23 0.00	37.97 1.18 0.00	32.16 1.07 0.00	38.80 1.06 0.00	47.84 1.26 0.00	55.00 1.05 0.00	57.05 0.62 0.00	55.74 0.98 0.00	54.70 1.11 0.00	55.65 1.36 0.00	51.65 1.32 0.00	54.64 1.47 0.00	53.93 1.41 0.00	50.68 1.33 0.00	55.91 1.60 0.00	48.67 1.11 0.00	44.11 0.97 0.00	39.64 0.80 0.00	43.66 0.85 0.00
GOLAH___69_KV_TB 1_2 80279	28.76 -1.14 0.33	28.84 -1.32 1.40	28.30 -1.20 1.05	27.52 -1.18 0.00	31.43 -1.21 0.00	35.82 -1.30 0.00	35.51 -1.28 0.00	28.92 -1.13 1.04	35.49 -0.81 1.44	44.82 -1.19 0.57	53.01 -0.94 0.00	55.90 -0.52 0.00	53.52 -1.24 0.00	52.23 -1.37 0.00	52.86 -1.43 0.00	49.29 -1.05 0.00	51.98 -1.20 0.00	51.17 -1.35 0.00	48.53 -0.82 0.00	53.45 -0.86 0.00	47.18 -0.39 0.00	42.68 -0.46 0.00	38.61 -0.23 0.00	42.36 -0.45 0.00

GOODYEAR_LAKE_HYD 323669	30.98 0.73 0.00	32.30 0.74 0.00	31.18 0.61 0.00	29.22 0.52 0.00	33.29 0.65 0.00	37.93 0.81 0.00	37.71 0.92 0.00	31.95 0.87 0.00	38.87 1.12 0.00	48.01 1.43 0.00	55.55 1.60 0.00	58.08 1.66 0.00	56.40 1.64 0.00	55.28 1.68 0.00	55.93 1.64 0.00	51.92 1.59 0.00	54.89 1.71 0.00	54.22 1.69 0.00	51.12 1.77 0.00	56.28 1.96 0.00	49.25 1.68 0.00	44.61 1.47 0.00	40.09 1.25 0.00	44.07 1.27 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.70 -0.55 0.00	30.72 -0.64 0.20	29.38 -0.62 0.56	28.08 -0.62 0.00	31.97 -0.67 0.00	36.39 -0.72 0.00	36.13 -0.65 0.00	30.61 -0.48 0.00	37.17 -0.57 0.00	45.81 -0.76 0.00	53.16 -0.79 0.00	55.73 -0.69 0.00	54.03 -0.73 0.00	52.84 -0.76 0.00	53.41 -0.87 0.00	49.55 -0.78 0.00	52.52 -0.66 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.96 -0.35 0.00	47.31 -0.26 0.00	42.87 -0.27 0.00	38.63 -0.21 0.00	42.45 -0.36 0.00
GOUDEY___7 23579	29.70 -0.55 0.00	30.72 -0.64 0.20	29.38 -0.62 0.56	28.08 -0.62 0.00	31.97 -0.67 0.00	36.39 -0.72 0.00	36.13 -0.65 0.00	30.61 -0.48 0.00	37.17 -0.57 0.00	45.81 -0.76 0.00	53.16 -0.79 0.00	55.73 -0.69 0.00	54.03 -0.73 0.00	52.84 -0.76 0.00	53.41 -0.87 0.00	49.55 -0.78 0.00	52.52 -0.66 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.96 -0.35 0.00	47.31 -0.26 0.00	42.87 -0.27 0.00	38.63 -0.21 0.00	42.45 -0.36 0.00
GOUDEY___8 23580	29.70 -0.55 0.00	30.72 -0.64 0.20	29.38 -0.62 0.56	28.08 -0.62 0.00	31.97 -0.67 0.00	36.39 -0.72 0.00	36.13 -0.65 0.00	30.61 -0.48 0.00	37.17 -0.57 0.00	45.81 -0.76 0.00	53.16 -0.79 0.00	55.73 -0.69 0.00	54.03 -0.73 0.00	52.84 -0.76 0.00	53.41 -0.87 0.00	49.55 -0.78 0.00	52.52 -0.66 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.96 -0.35 0.00	47.31 -0.26 0.00	42.87 -0.27 0.00	38.63 -0.21 0.00	42.45 -0.36 0.00
GOWANUS_GT1_1 24077	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_2 24078	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_3 24079	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_4 24080	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_5 24084	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_6 24111	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_7 24112	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT1_8 24113	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_1 24114	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_2 24115	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_3 24116	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59

GOWANUS_GT2_4 24117	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_5 24118	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_6 24119	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_7 24120	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT2_8 24121	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT3_1 24122	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT3_2 24123	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWAN																								

GOWANUS_GT4_3 24132	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT4_4 24133	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT4_5 24134	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT4_6 24135	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT4_7 24136	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GOWANUS_GT4_8 24137	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GREENBSH_115KV_TB3 55895	30.64 0.40 0.00	32.03 0.47 0.00	31.08 0.52 0.00	29.24 0.55 0.00	33.17 0.53 0.00	37.69 0.57 0.00	37.23 0.44 0.00	31.38 0.29 0.00	37.74 -0.01 0.00	46.54 -0.04 0.00	53.72 -0.22 0.00	56.07 -0.35 0.00	54.62 -0.14 0.00	53.50 -0.10 0.00	54.24 -0.05 0.00	50.34 0.00 0.00	53.19 0.01 0.00	52.71 0.19 0.00	49.48 0.13 0.00	54.44 0.13 0.00	47.57 0.00 0.00	43.15 0.01 0.00	38.85 0.01 0.00	42.80 -0.01 0.00
GREENIDGE_115KV_TB5 80291	32.05 -1.08 -2.89	39.37 -1.26 -9.06	30.06 -1.22 -0.72	27.51 -1.19 0.00	31.37 -1.27 0.00	35.79 -1.33 0.00	35.55 -1.24 0.00	39.13 -0.96 -9.01	49.04 -1.11 -12.41	50.06 -1.47 -4.95	52.72 -1.23 0.00	55.31 -1.11 0.00	53.46 -1.30 0.00	52.38 -1.22 0.00	52.98 -1.31 0.00	49.34 -1.00 0.00	52.21 -0.96 0.00	51.68 -0.84 0.00	49.04 -0.31 0.00	54.01 -0.30 0.00	47.56 -0.01 0.00	43.08 -0.06 0.00	38.84 0.00 0.00	42.51 -0.29 0.00
GREENIDGE___3 23582	32.05 -1.08 -2.89	39.37 -1.26 -9.06	30.06 -1.22 -0.72	27.51 -1.19 0.00	31.37 -1.27 0.00	35.79 -1.33 0.00	35.55 -1.24 0.00	39.13 -0.96 -9.01	49.04 -1.11 -12.41	50.06 -1.47 -4.95	52.72 -1.23 0.00	55.31 -1.11 0.00	53.46 -1.30 0.00	52.38 -1.22 0.00	52.98 -1.31 0.00	49.34 -1.00 0.00	52.21 -0.96 0.00	51.68 -0.84 0.00	49.04 -0.31 0.00	54.01 -0.30 0.00	47.56 -0.01 0.00	43.08 -0.06 0.00	38.84 0.00 0.00	42.51 -0.29 0.00
GREENIDGE___4 23583	32.06 -1.08 -2.89	39.37 -1.25 -9.06	30.05 -1.23 -0.72	27.51 -1.19 0.00	31.37 -1.27 0.00	35.79 -1.33 0.00	35.55 -1.24 0.00	39.15 -0.95 -9.01	49.04 -1.11 -12.41	50.08 -1.45 -4.95	52.72 -1.23 0.00	55.31 -1.11 0.00	53.47 -1.29 0.00	52.37 -1.22 0.00	52.98 -1.31 0.00	49.33 -1.00 0.00	52.21 -0.97 0.00	51.69 -0.84 0.00	49.04 -0.31 0.00	53.99 -0.32 0.00	47.56 -0.01 0.00	43.08 -0.06 0.00	38.84 0.00 0.00	42.52 -0.29 0.00
GREENLWN_69_KV_BK 3 55738	31.60 1.36 0.00	33.10 1.54 0.00	31.91 1.35 0.00	29.94 1.25 0.00	33.93 1.28 0.00	38.69 1.57 0.00	38.46 1.67 0.00	32.62 1.54 0.00	38.91 1.17 0.00	47.77 1.19 0.00	55.06 1.12 0.00	56.78 0.36 0.00	55.38 0.62 0.00	54.29 0.70 0.00	55.18 0.89 0.00	51.85 1.52 0.00	54.81 1.64 0.00	54.43 1.68 -0.23	50.79 1.44 0.00	56.63 1.78 -0.54	48.76 1.19 0.00	44.29 1.16 0.00	39.66 0.81 0.00	43.92 1.12 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
GRISSOM___SOLAR 323813	31.70 1.46 0.00	33.05 1.49 0.00	31.94 1.38 0.00	29.98 1.28 0.00	34.20 1.56 0.00	38.92 1.81 0.00	38.67 1.88 0.00	32.78 1.69 0.00	39.83 2.09 0.00	49.24 2.67 0.00	56.74 2.79 0.00	59.62 3.21 0.00	57.84 3.08 0.00	56.55 2.95 0.00	57.32 3.03 0.00	53.22 2.89 0.00	56.18 3.01 0.00	55.53 3.01 0.00	52.29 2.94 0.00	57.56 3.25 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.90 2.06 0.00	45.01 2.20 0.00
GROVEVILLE___HYD 323602	31.48 1.24 0.00	32.94 1.38 0.00	31.80 1.24 0.00	29.85 1.15 0.00	33.93 1.29 0.00	38.62 1.50 0.00	38.26 1.47 0.00	32.40 1.31 0.00	39.02 1.28 0.00	48.09 1.51 0.00	55.36 1.41 0.00	57.61 1.19 0.00	56.22 1.46 0.00	55.21 1.62 0.00	56.10 1.81 0.00	52.03 1.70 0.00	55.09 1.92 0.00	54.51 1.99 0.00	51.24 1.89 0.00	56.50 2.19 0.00	49.27 1.70 0.00	44.62 1.48 0.00	40.07 1.22 0.00	44.09 1.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00

HAMLTNNY_34_KV_TB 80303	29.94 -0.30 0.00	31.23 -0.33 0.00	30.25 -0.31 0.00	28.38 -0.32 0.00	32.31 -0.33 0.00	36.80 -0.32 0.00	36.47 -0.32 0.00	30.88 -0.21 0.00	37.60 -0.14 0.00	46.33 -0.25 0.00	53.75 -0.19 0.00	56.31 -0.11 0.00	54.57 -0.19 0.00	53.33 -0.26 0.00	54.02 -0.27 0.00	50.07 -0.26 0.00	52.92 -0.25 0.00	52.18 -0.34 0.00	49.18 -0.17 0.00	54.13 -0.18 0.00	47.48 -0.08 0.00	43.02 -0.12 0.00	38.71 -0.12 0.00	42.67 -0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.16 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.81 0.00	57.21 0.79 0.00	55.39 0.62 0.00	54.06 0.46 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.92 0.57 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.14 0.29 0.00	43.02 0.22 0.00
HARDSCRABBLE_WT_PWR 323673	29.99 -0.25 0.00	31.26 -0.30 0.00	30.34 -0.21 0.00	28.53 -0.17 0.00	32.56 -0.08 0.00	37.11 0.00 0.00	36.77 -0.03 0.00	31.13 0.04 0.00	37.49 -0.25 0.00	46.20 -0.38 0.00	53.17 -0.78 0.00	55.77 -0.65 0.00	54.32 -0.44 0.00	53.25 -0.35 0.00	53.94 -0.35 0.00	50.05 -0.29 0.00	52.95 -0.22 0.00	52.45 -0.07 0.00	49.28 -0.07 0.00	54.16 -0.16 0.00	47.07 -0.50 0.00	42.41 -0.73 0.00	38.05 -0.79 0.00	41.84 -0.96 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.22 0.98 0.00	32.65 1.09 0.00	31.51 0.95 0.00	29.57 0.88 0.00	33.61 0.97 0.00	38.29 1.17 0.00	37.90 1.11 0.00	32.09 1.00 0.00	38.71 0.97 0.00	47.69 1.11 0.00	54.92 0.97 0.00	57.12 0.71 0.00	55.82 1.06 0.00	54.79 1.20 0.00	55.69 1.40 0.00	51.70 1.36 0.00	54.70 1.53 0.00	54.05 1.53 0.00	50.76 1.41 0.00	55.98 1.66 0.00	48.80 1.23 0.00	44.19 1.05 0.00	39.72 0.88 0.00	43.74 0.94 0.00
HARSNRAD_115KV_TB1 81005	25.77 -2.49 1.98	21.42 -2.87 7.28	24.49 -2.59 3.48	26.23 -2.47 0.00	30.01 -2.63 0.00	34.22 -2.90 0.00	33.79 -3.00 0.00	22.14 -2.78 6.17	26.62 -2.63 8.49	39.64 -3.55 3.39	50.56 -3.39 0.00	53.67 -2.75 0.00	50.97 -3.79 0.00	49.78 -3.81 0.00	50.36 -3.93 0.00	47.03 -3.30 0.00	49.49 -3.68 0.00	48.69 -3.83 0.00	46.39 -2.96 0.00	51.04 -3.28 0.00	45.35 -2.22 0.00	41.08 -2.06 0.00	37.43 -1.42 0.00	41.02 -1.79 0.00
HARZA MOOSE___RIVER 24016	30.64 0.40 0.00	32.00 0.44 0.00	31.03 0.47 0.00	29.10 0.40 0.00	33.20 0.56 0.00	37.87 0.76 0.00	37.58 0.79 0.00	31.84 0.75 0.00	38.66 0.92 0.00	47.91 1.33 0.00	55.54 1.60 0.00	58.07 1.65 0.00	56.31 1.55 0.00	55.07 1.48 0.00	55.83 1.55 0.00	51.73 1.40 0.00	54.66 1.49 0.00	54.04 1.52 0.00	50.88 1.53 0.00	56.00 1.68 0.00	48.99 1.42 0.00	44.30 1.16 0.00	39.80 0.96 0.00	43.74 0.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.80 -0.43 0.00	31.09 -0.47 0.00	30.11 -0.45 0.00	28.25 -0.45 0.00	32.15 -0.49 0.00	36.59 -0.52 0.00	36.30 -0.49 0.00	30.73 -0.36 0.00	37.36 -0.38 0.00	46.04 -0.54 0.00	53.40 -0.55 0.00	55.96 -0.46 0.00	54.21 -0.55 0.00	53.03 -0.57 0.00	53.67 -0.62 0.00	49.74 -0.59 0.00	52.56 -0.62 0.00	51.80 -0.72 0.00	48.83 -0.52 0.00	53.77 -0.55 0.00	47.14 -0.43 0.00	42.70 -0.44 0.00	38.48 -0.36 0.00	42.40 -0.41 0.00
HELLGATE_13_KV_LD 55870	31.60 1.36 -0.01	33.06 1.50 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.97 1.33 0.00	38.68 1.56 -0.01	38.33 1.53 -0.01	32.47 1.37 -0.01	39.17 1.43 0.00	48.29 1.72 0.00	55.52 1.57 0.00	57.64 1.22 0.00	56.32 1.56 0.00	55.25 1.66 0.00	56.18 1.89 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.50 1.98 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.60 1.36 -0.01	33.06 1.50 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.97 1.33 0.00	38.68 1.56 -0.01	38.33 1.53 -0.01	32.47 1.37 -0.01	39.17 1.43 0.00	48.29 1.72 0.00	55.52 1.57 0.00	57.64 1.22 0.00	56.32 1.56 0.00	55.25 1.66 0.00	56.18 1.89 0.00	52.16 1.83 0.00	55.17 2.00 0.00	54.50 1.98 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.64 1.43 -0.07	40.04 1.20 0.00	44.06 1.25 0.00
HEMPSTEAD___ 23647	31.74 1.49 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.04 1.34 0.00	34.06 1.42 0.00	38.83 1.72 0.00	38.57 1.78 0.00	32.70 1.62 0.00	39.09 1.35 0.00	48.08 1.50 0.00	55.39 1.44 0.00	57.24 0.82 0.00	55.79 1.03 0.00	54.76 1.17 0.00	55.71 1.42 0.00	52.14 1.80 -0.01	55.11 1.93 -0.01	55.84 1.88 -1.43	51.00 1.65 0.00	58.61 1.94 -2.35	49.01 1.44 0.00	44.46 1.32 0.00	39.88 1.04 0.00	44.04 1.23 0.00
HEWLETT_69_KV_BK3 55828	31.92 1.67 -0.02	33.39 1.83 0.00	32.20 1.64 0.00	30.19 1.49 0.00	34.25 1.61 0.00	39.01 1.89 0.00	38.70 1.91 0.00	32.81 1.73 0.00	39.23 1.49 0.00	48.28 1.70 0.00	55.62 1.67 0.00	57.54 1.12 0.00	56.08 1.32 0.00	55.07 1.48 0.00	56.04 1.73 -0.02	52.53 2.15 -0.05	55.48 2.27 -0.04	59.16 2.15 -4.49	51.33 1.96 -0.02	63.77 2.35 -7.10	49.32 1.73 -0.02	44.74 1.60 0.00	40.10 1.26 0.00	44.31 1.50 0.00
HICKLING___1 23621	29.73 -1.48 -0.98	32.22 -1.75 -2.41	27.32 -1.68 1.55	27.09 -1.61 0.00	30.89 -1.75 0.00	35.23 -1.89 0.00	35.00 -1.79 0.00	32.70 -1.44 -3.05	40.19 -1.75 -4.19	46.06 -2.19 -1.67	51.93 -2.02 0.00	54.81 -1.61 0.00	52.94 -1.82 0.00	51.79 -1.80 0.00	52.34 -1.95 0.00	48.44 -1.89 0.00	51.51 -1.66 0.00	50.85 -1.67 0.00	48.25 -1.10 0.00	53.39 -0.92 0.00	46.96 -0.61 0.00	42.51 -0.62 0.00	38.40 -0.44 0.00	42.05 -0.76 0.00
HICKLING___2 23622	29.73 -1.48 -0.98	32.22 -1.75 -2.41	27.32 -1.68 1.55	27.09 -1.61 0.00	30.89 -1.75 0.00	35.23 -1.89 0.00	35.00 -1.79 0.00	32.70 -1.44 -3.05	40.19 -1.75 -4.19	46.06 -2.19 -1.67	51.93 -2.02 0.00	54.81 -1.61 0.00	52.94 -1.82 0.00	51.79 -1.80 0.00	52.34 -1.95 0.00	48.44 -1.89 0.00	51.51 -1.66 0.00	50.85 -1.67 0.00	48.25 -1.10 0.00	53.39 -0.92 0.00	46.96 -0.61 0.00	42.51 -0.62 0.00	38.40 -0.44 0.00	42.05 -0.76 0.00
HIGH FALLS___HY 23754	31.47 1.23 0.00	32.91 1.35 0.00	31.74 1.19 0.00	29.78 1.08 0.00	33.86 1.22 0.00	38.56 1.45 0.00	38.22 1.43 0.00	32.40 1.32 0.00	39.06 1.32 0.00	48.13 1.55 0.00	55.05 1.10 0.00	57.25 0.83 0.00	55.85 1.09 0.00	54.98 1.38 0.00	56.07 1.78 0.00	51.99 1.66 0.00	55.09 1.92 0.00	54.50 1.98 0.00	51.34 1.99 0.00	56.64 2.32 0.00	49.39 1.82 0.00	44.72 1.59 0.00	40.16 1.32 0.00	44.18 1.38 0.00
HIGH_RIVER___SOLAR 323847	31.21 0.97 0.00	32.58 1.02 0.00	31.53 0.97 0.00	29.61 0.92 0.00	33.72 1.08 0.00	38.34 1.22 0.00	38.04 1.25 0.00	32.19 1.11 0.00	38.99 1.25 0.00	48.12 1.54 0.00	55.50 1.55 0.00	58.17 1.75 0.00	56.53 1.77 0.00	55.30 1.71 0.00	56.08 1.80 0.00	52.00 1.67 0.00	54.92 1.75 0.00	54.34 1.81 0.00	51.15 1.79 0.00	56.30 1.99 0.00	49.26 1.69 0.00	44.61 1.47 0.00	40.10 1.26 0.00	44.15 1.34 0.00

HILLBURN___GT 23639	31.14 0.90 0.00	32.58 1.02 0.00	31.42 0.86 0.00	29.50 0.80 0.00	33.53 0.89 0.00	38.19 1.07 0.00	37.81 1.03 0.00	32.01 0.92 0.00	38.63 0.89 0.00	47.60 1.02 0.00	54.81 0.86 0.00	56.98 0.56 0.00	55.71 0.95 0.00	54.68 1.08 0.00	55.59 1.30 0.00	51.58 1.25 0.00	54.53 1.35 0.00	53.87 1.35 0.00	50.55 1.20 0.00	55.76 1.45 0.00	48.58 1.01 0.00	44.00 0.85 0.00	39.56 0.72 0.00	43.58 0.77 0.00
HILLSIDE_115KV_TB1 80332	29.61 -1.52 -0.89	31.95 -1.78 -2.17	27.38 -1.68 1.49	27.10 -1.60 0.00	30.89 -1.75 0.00	35.16 -1.96 0.00	34.93 -1.85 0.00	32.38 -1.48 -2.77	39.74 -1.82 -3.82	45.82 -2.28 -1.52	51.65 -2.29 0.00	54.35 -2.07 0.00	52.63 -2.13 0.00	51.40 -2.19 0.00	51.89 -2.39 0.00	48.07 -2.27 0.00	51.08 -2.10 0.00	50.32 -2.21 0.00	47.69 -1.66 0.00	52.76 -1.55 0.00	46.34 -1.23 0.00	41.97 -1.17 0.00	37.87 -0.98 0.00	41.52 -1.29 0.00
HISHELDN_WT_PWR 323625	17.33 -3.19 9.72	-6.70 -3.55 34.72	12.97 -3.47 14.11	25.44 -3.26 0.00	29.07 -3.57 0.00	33.48 -3.63 0.00	33.05 -3.74 0.00	-2.53 -3.30 30.31	-7.69 -3.68 41.75	25.27 -4.66 16.65	49.67 -4.28 0.00	52.89 -3.54 0.00	50.51 -4.25 0.00	49.81 -3.79 0.00	50.42 -3.87 0.00	46.73 -3.60 0.00	49.47 -3.70 0.00	48.92 -3.61 0.00	46.58 -2.77 0.00	51.42 -2.90 0.00	45.61 -1.96 0.00	41.33 -1.81 0.00	37.60 -1.24 0.00	41.15 -1.66 0.00
HOLTSVILLE_IC_1 23690	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
HOLTSVILLE_IC_10 23699	31.65 1.41 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.07 1.38 0.00	33.99 1.34 0.00	38.89 1.77 0.00	38.80 2.01 0.00	32.92 1.83 0.00	39.08 1.34 0.00	47.81 1.23 0.00	55.01 1.06 0.00	56.32 -0.10 0.00	54.95 0.19 0.00	53.67 0.07 0.00	54.87 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.72 2.02 -0.17	51.01 1.66 0.00	56.95 2.18 -0.45	49.09 1.52 0.00	44.66 1.52 0.00	39.80 0.95 0.00	44.17 1.37 0.00
HOLTSVILLE_IC_2 23691	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
HOLTSVILLE_IC_3 23692	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
HOLTSVILLE_IC_4 23693	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
HOLTSVILLE_IC_5 23694	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
HOLTSVILLE_IC_6 23695	31.65 1.41 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.07 1.38 0.00	33.99 1.34 0.00	38.89 1.77 0.00	38.80 2.01 0.00	32.92 1.83 0.00	39.08 1.34 0.00	47.81 1.23 0.00	55.01 1.06 0.00	56.32 -0.10 0.00	54.95 0.19 0.00	53.67 0.07 0.00	54.87 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.72 2.02 -0.17	51.01 1.66 0.00	56.95 2.18 -0.45	49.09 1.52 0.00	44.66 1.52 0.00	39.80 0.95 0.00	44.17 1.37 0.00
HOLTSVILLE_IC_7 23696	31.65 1.41 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.07 1.38 0.00	33.99 1.34 0.00	38.89 1.77 0.00	38.80 2.01 0.00	32.92 1.83 0.00	39.08 1.34 0.00	47.81 1.23 0.00	55.01 1.06 0.00	56.32 -0.10 0.00	54.95 0.19 0.00	53.67 0.07 0.00	54.87 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.72 2.02 -0.17	51.01 1.66 0.00	56.95 2.18 -0.45	49.09 1.52 0.00	44.66 1.52 0.00	39.80 0.95 0.00	44.17 1.37 0.00
HOLTSVILLE_IC_8 23697	31.65 1.41 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.07 1.38 0.00	33.99 1.34 0.00	38.89 1.77 0.00	38.80 2.01 0.00	32.92 1.83 0.00	39.08 1.34 0.00	47.81 1.23 0.00	55.01 1.06 0.00	56.32 -0.10 0.00	54.95 0.19 0.00	53.67 0.07 0.00	54.87 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.72 2.02 -0.17	51.01 1.66 0.00	56.95 2.18 -0.45	49.09 1.52 0.00	44.66 1.52 0.00	39.80 0.95 0.00	44.17 1.37 0.00
HOLTSVILLE_IC_9 23698	31.65 1.41 0.00	33.21 1.65 0.00	32.01 1.45 0.00	30.07 1.38 0.00	33.99 1.34 0.00	38.89 1.77 0.00	38.80 2.01 0.00	32.92 1.83 0.00	39.08 1.34 0.00	47.81 1.23 0.00	55.01 1.06 0.00	56.32 -0.10 0.00	54.95 0.19 0.00	53.67 0.07 0.00	54.87 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.72 2.02 -0.17	51.01 1.66 0.00	56.95 2.18 -0.45	49.09 1.52 0.00	44.66 1.52 0.00	39.80 0.95 0.00	44.17 1.37 0.00
HOMER_HL_115KV_TB2 355744	28.15 -2.10 0.00	28.62 -2.45 0.49	27.00 -2.21 1.36	26.68 -2.02 0.00	30.49 -2.15 0.00	34.70 -2.41 0.00	34.49 -2.29 0.00	29.02 -2.07 0.00	35.61 -2.13 0.00	43.74 -2.84 0.00	51.25 -2.70 0.00	54.14 -2.28 0.00	52.14 -2.62 0.00	50.75 -2.85 0.00	51.16 -3.13 0.00	47.60 -2.73 0.00	50.39 -2.78 0.00	49.42 -3.11 0.00	47.20 -2.15 0.00	52.29 -2.03 0.00	46.12 -1.45 0.00	41.87 -1.27 0.00	37.95 -0.90 0.00	41.53 -1.28 0.00
HOWARD_WT_PWR 323690	33.14 -3.29 -6.19	48.60 -3.70 -20.75	32.05 -3.76 -5.26	25.18 -3.52 0.00	28.84 -3.80 0.00	32.78 -4.34 0.00	32.62 -4.17 0.00	46.87 -3.51 -19.29	59.98 -4.33 -26.57	52.01 -5.17 -10.60	49.02 -4.93 0.00	52.49 -3.93 0.00	50.77 -3.99 0.00	50.44 -3.16 0.00	51.08 -3.20 0.00	47.21 -3.12 0.00	50.47 -2.70 0.00	49.88 -2.64 0.00	47.86 -1.49 0.00	53.28 -1.04 0.00	47.10 -0.47 0.00	42.74 -0.40 0.00	38.54 -0.30 0.00	41.89 -0.91 0.00

HQ_GEN_CEDARS 23644	30.53 0.29 0.00	31.78 0.22 0.00	30.75 0.19 0.00	28.88 0.18 0.00	32.84 0.20 0.00	37.33 0.22 0.00	37.10 0.31 0.00	31.21 0.12 0.00	38.16 0.42 0.00	47.31 0.73 0.00	54.98 1.03 0.00	57.58 1.16 0.00	55.72 0.95 0.00	54.43 0.83 0.00	55.10 0.81 0.00	51.12 0.78 0.00	53.94 0.77 0.00	53.34 0.81 0.00	50.05 0.70 0.00	55.04 0.72 0.00	48.32 0.75 0.00	43.86 0.72 0.00	39.50 0.66 0.00	43.51 0.70 0.00
HQ_GEN_CEDARS_PROXY 323590	30.53 0.29 0.00	31.78 0.22 0.00	30.76 0.20 0.00	28.89 0.18 0.00	32.84 0.20 0.00	37.34 0.22 0.00	37.10 0.31 0.00	31.21 0.12 0.00	38.16 0.42 0.00	47.31 0.73 0.00	54.98 1.03 0.00	57.58 1.16 0.00	55.72 0.95 0.00	54.42 0.83 0.00	55.10 0.81 0.00	51.12 0.78 0.00	53.94 0.77 0.00	53.34 0.81 0.00	50.05 0.70 0.00	55.04 0.72 0.00	48.32 0.75 0.00	43.87 0.72 0.00	39.50 0.66 0.00	43.51 0.70 0.00
HQ_GEN_IMPORT 323601	30.39 0.15 0.00	31.67 0.10 0.00	30.65 0.09 0.00	28.78 0.08 0.00	32.74 0.09 0.00	37.21 0.10 0.00	36.93 0.14 0.00	31.13 0.04 0.00	37.98 0.24 0.00	46.96 0.39 0.00	54.53 0.58 0.00	57.09 0.67 0.00	55.32 0.56 0.00	54.09 0.50 0.00	54.78 0.49 0.00	50.80 0.47 0.00	53.63 0.46 0.00	53.00 0.48 0.00	49.71 0.36 0.00	54.67 0.36 0.00	47.94 0.37 0.00	43.52 0.38 0.00	39.20 0.36 0.00	43.18 0.37 0.00
HQ_GEN_WHEEL 23651	30.39 0.15 0.00	31.67 0.10 0.00	30.65 0.09 0.00	28.78 0.08 0.00	32.74 0.09 0.00	37.21 0.10 0.00	36.93 0.14 0.00	31.13 0.04 0.00	37.98 0.24 0.00	46.96 0.39 0.00	54.53 0.58 0.00	57.09 0.67 0.00	55.32 0.56 0.00	54.09 0.50 0.00	54.78 0.49 0.00	50.80 0.47 0.00	53.63 0.46 0.00	53.00 0.48 0.00	49.71 0.36 0.00	54.67 0.36 0.00	47.94 0.37 0.00	43.52 0.38 0.00	39.20 0.36 0.00	43.18 0.37 0.00
HUDSON_AVE_GT_3 23810	31.54 1.30 0.00	32.98 1.42 0.00	31.81 1.25 0.00	29.86 1.16 0.00	33.90 1.26 0.00	38.60 1.48 0.00	38.23 1.44 0.00	32.39 1.30 0.00	39.07 1.33 0.00	48.19 1.61 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.20 1.43 0.00	55.15 1.55 0.00	56.10 1.81 0.00	52.06 1.73 0.00	55.07 1.90 0.00	54.35 1.83 0.00	51.06 1.71 0.00	56.34 2.02 0.00	49.05 1.48 0.00	44.46 1.32 0.00	39.93 1.09 0.00	43.97 1.16 0.00
HUDSON_AVE_GT_4 23540	31.54 1.30 0.00	32.98 1.42 0.00	31.81 1.25 0.00	29.86 1.16 0.00	33.90 1.26 0.00	38.60 1.48 0.00	38.23 1.44 0.00	32.39 1.30 0.00	39.07 1.33 0.00	48.19 1.61 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.20 1.43 0.00	55.15 1.55 0.00	56.10 1.81 0.00	52.06 1.73 0.00	55.07 1.90 0.00	54.35 1.83 0.00	51.06 1.71 0.00	56.34 2.02 0.00	49.05 1.48 0.00	44.46 1.32 0.00	39.93 1.09 0.00	43.97 1.16 0.00
HUDSON_AVE_GT_5 23657	31.54 1.30 0.00	32.98 1.42 0.00	31.81 1.25 0.00	29.86 1.16 0.00	33.90 1.26 0.00	38.60 1.48 0.00	38.23 1.44 0.00	32.39 1.30 0.00	39.07 1.33 0.00	48.19 1.61 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.20 1.43 0.00	55.15 1.55 0.00	56.10 1.81 0.00	52.06 1.73 0.00	55.07 1.90 0.00	54.35 1.83 0.00	51.06 1.71 0.00	56.34 2.02 0.00	49.05 1.48 0.00	44.46 1.32 0.00	39.93 1.09 0.00	43.97 1.16 0.00
HUDSON_AVE_10 24168	31.48 1.24 0.00	32.94 1.38 0.00	31.76 1.20 0.00	29.82 1.12 0.00	33.86 1.22 0.00	38.54 1.42 0.00	38.16 1.37 0.00	32.33 1.24 0.00	39.02 1.28 0.00	48.11 1.53 0.00	55.31 1.36 0.00	57.41 0.99 0.00	56.09 1.33 0.00	55.01 1.41 0.00	55.91 1.63 0.00	51.91 1.58 0.00	54.92 1.75 0.00	54.26 1.65 -0.08	50.89 1.54 0.00	56.14 1.82 0.00	48.89 1.33 0.00	44.36 1.22 0.00	39.83 0.99 0.00	43.86 1.06 0.00
HUDSON___115KV_TB 4 355613	31.17 0.93 0.00	32.56 1.00 0.00	31.58 1.02 0.00	29.71 1.01 0.00	33.72 1.08 0.00	38.33 1.21 0.00	37.91 1.12 0.00	32.00 0.91 0.00	38.57 0.83 0.00	47.57 0.99 0.00	54.93 0.98 0.00	57.36 0.94 0.00	55.92 1.16 0.00	54.82 1.22 0.00	55.52 1.24 0.00	51.58 1.25 0.00	54.53 1.36 0.00	54.09 1.57 0.00	50.82 1.47 0.00	55.92 1.61 0.00	48.86 1.29 0.00	44.26 1.12 0.00	39.79 0.95 0.00	43.77 0.97 0.00
HUNTER MOUNT___DRP 323613	31.31 1.07 0.00	32.69 1.13 0.00	31.72 1.16 0.00	29.85 1.15 0.00	33.89 1.25 0.00	38.51 1.40 0.00	38.11 1.32 0.00	32.17 1.08 0.00	38.79 1.05 0.00	47.91 1.33 0.00	55.28 1.33 0.00	57.83 1.41 0.00	56.37 1.60 0.00	55.25 1.66 0.00	55.90 1.62 0.00	51.97 1.63 0.00	54.94 1.77 0.00	54.49 1.97 0.00	51.19 1.84 0.00	56.35 2.03 0.00	49.22 1.65 0.00	44.58 1.44 0.00	40.06 1.22 0.00	44.04 1.24 0.00
HUNTINGTON_RES_REC 323705	31.60 1.36 0.00	33.11 1.55 0.00	31.91 1.35 0.00	29.97 1.27 0.00	33.90 1.26 0.00	38.73 1.61 0.00	38.56 1.77 0.00	32.71 1.62 0.00	38.93 1.19 0.00	47.72 1.14 0.00	54.97 1.02 0.00	56.47 0.05 0.00	55.06 0.30 0.00	53.93 0.33 0.00	54.97 0.68 0.00	51.81 1.48 0.00	54.82 1.66 0.00	54.52 1.81 -0.18	50.88 1.53 0.00	56.73 1.94 -0.47	48.89 1.32 0.00	44.44 1.30 0.00	39.70 0.86 0.00	44.00 1.19 0.00
HUNTLEY___63 23557	26.54 -2.22 1.48	23.50 -2.52 5.54	25.37 -2.34 2.85	26.44 -2.25 0.00	30.25 -2.39 0.00	34.46 -2.65 0.00	34.12 -2.67 0.00	23.96 -2.50 4.62	29.11 -2.27 6.36	40.96 -3.08 2.54	51.08 -2.87 0.00	54.19 -2.23 0.00	51.50 -3.26 0.00	50.24 -3.36 0.00	50.80 -3.48 0.00	47.47 -2.86 0.00	49.96 -3.21 0.00	49.11 -3.42 0.00	46.80 -2.55 0.00	51.49 -2.82 0.00	45.75 -1.82 0.00	41.43 -1.71 0.00	37.79 -1.05 0.00	41.40 -1.41 0.00
HUNTLEY___64 23558	26.54 -2.22 1.48	23.50 -2.52 5.54	25.37 -2.34 2.85	26.44 -2.25 0.00	30.25 -2.39 0.00	34.46 -2.65 0.00	34.12 -2.67 0.00	23.96 -2.50 4.62	29.11 -2.27 6.36	40.96 -3.08 2.54	51.08 -2.87 0.00	54.19 -2.23 0.00	51.50 -3.26 0.00	50.24 -3.36 0.00	50.80 -3.48 0.00	47.47 -2.86 0.00	49.96 -3.21 0.00	49.11 -3.42 0.00	46.80 -2.55 0.00	51.49 -2.82 0.00	45.75 -1.82 0.00	41.43 -1.71 0.00	37.79 -1.05 0.00	41.40 -1.41 0.00
HUNTLEY___65 23559	26.54 -2.22 1.48	23.50 -2.52 5.54	25.37 -2.34 2.85	26.44 -2.25 0.00	30.25 -2.39 0.00	34.46 -2.65 0.00	34.12 -2.67 0.00	23.96 -2.50 4.62	29.11 -2.27 6.36	40.96 -3.08 2.54	51.08 -2.87 0.00	54.19 -2.23 0.00	51.50 -3.26 0.00	50.24 -3.36 0.00	50.80 -3.48 0.00	47.47 -2.86 0.00	49.96 -3.21 0.00	49.11 -3.42 0.00	46.80 -2.55 0.00	51.49 -2.82 0.00	45.75 -1.82 0.00	41.43 -1.71 0.00	37.79 -1.05 0.00	41.40 -1.41 0.00
HUNTLEY___66 23560	26.54 -2.22 1.48	23.50 -2.52 5.54	25.37 -2.34 2.85	26.44 -2.25 0.00	30.25 -2.39 0.00	34.46 -2.65 0.00	34.12 -2.67 0.00	23.96 -2.50 4.62	29.11 -2.27 6.36	40.96 -3.08 2.54	51.08 -2.87 0.00	54.19 -2.23 0.00	51.50 -3.26 0.00	50.24 -3.36 0.00	50.80 -3.48 0.00	47.47 -2.86 0.00	49.96 -3.21 0.00	49.11 -3.42 0.00	46.80 -2.55 0.00	51.49 -2.82 0.00	45.75 -1.82 0.00	41.43 -1.71 0.00	37.79 -1.05 0.00	41.40 -1.41 0.00

HUNTLEY___67 23561	26.46 -2.36 1.42	23.57 -2.66 5.33	25.34 -2.44 2.78	26.36 -2.33 0.00	30.15 -2.50 0.00	34.34 -2.78 0.00	34.01 -2.78 0.00	24.11 -2.56 4.42	29.28 -2.37 6.09	40.94 -3.21 2.43	50.91 -3.04 0.00	54.02 -2.40 0.00	51.38 -3.39 0.00	50.09 -3.51 0.00	50.65 -3.64 0.00	47.30 -3.03 0.00	49.79 -3.38 0.00	48.95 -3.58 0.00	46.62 -2.73 0.00	51.33 -2.99 0.00	45.60 -1.97 0.00	41.26 -1.88 0.00	37.56 -1.28 0.00	41.16 -1.64 0.00
HUNTLEY___68 23562	26.46 -2.36 1.42	23.57 -2.66 5.33	25.34 -2.44 2.78	26.36 -2.33 0.00	30.15 -2.50 0.00	34.34 -2.78 0.00	34.01 -2.78 0.00	24.11 -2.56 4.42	29.28 -2.37 6.09	40.94 -3.21 2.43	50.91 -3.04 0.00	54.02 -2.40 0.00	51.38 -3.39 0.00	50.09 -3.51 0.00	50.65 -3.64 0.00	47.30 -3.03 0.00	49.79 -3.38 0.00	48.95 -3.58 0.00	46.62 -2.73 0.00	51.33 -2.99 0.00	45.60 -1.97 0.00	41.26 -1.88 0.00	37.56 -1.28 0.00	41.16 -1.64 0.00
HYLAND___LFG 323620	36.06 -0.92 -6.74	53.51 -1.18 -23.13	36.62 -1.16 -7.21	27.57 -1.13 0.00	31.48 -1.16 0.00	35.97 -1.15 0.00	35.77 -1.02 0.00	51.26 -0.83 -21.00	66.03 -0.64 -28.93	57.07 -1.05 -11.54	53.20 -0.75 0.00	56.44 0.02 0.00	53.63 -1.13 0.00	52.82 -0.78 0.00	53.33 -0.96 0.00	49.49 -0.84 0.00	52.45 -0.72 0.00	51.81 -0.71 0.00	49.74 0.39 0.00	55.27 0.95 0.00	48.97 1.40 0.00	44.26 1.12 0.00	39.95 1.11 0.00	43.61 0.81 0.00
INDECK___CORINTH 23802	31.85 1.61 0.00	33.24 1.68 0.00	32.26 1.70 0.00	30.27 1.58 0.00	34.44 1.80 0.00	39.02 1.90 0.00	38.66 1.87 0.00	32.73 1.65 0.00	39.59 1.85 0.00	48.93 2.35 0.00	56.53 2.58 0.00	59.11 2.69 0.00	57.48 2.72 0.00	56.32 2.72 0.00	57.11 2.83 0.00	52.98 2.64 0.00	56.07 2.89 0.00	55.78 3.26 0.00	52.43 3.08 0.00	57.67 3.36 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.86 2.02 0.00	44.98 2.17 0.00
INDECK___ILION 23567	30.21 -0.03 0.00	31.53 -0.03 0.00	30.57 0.02 0.00	28.73 0.03 0.00	32.72 0.08 0.00	37.24 0.13 0.00	36.88 0.09 0.00	31.21 0.12 0.00	37.69 -0.06 0.00	46.49 -0.09 0.00	53.63 -0.32 0.00	56.16 -0.26 0.00	54.63 -0.13 0.00	53.53 -0.07 0.00	54.22 -0.07 0.00	50.29 -0.04 0.00	53.17 0.00 0.00	52.62 0.09 0.00	49.44 0.09 0.00	54.39 0.07 0.00	47.43 -0.13 0.00	42.90 -0.25 0.00	38.56 -0.28 0.00	42.43 -0.38 0.00
INDECK___OLEAN 23982	28.15 -2.09 0.00	28.64 -2.44 0.49	26.98 -2.22 1.36	26.68 -2.02 0.00	30.48 -2.16 0.00	34.70 -2.42 0.00	34.49 -2.29 0.00	29.04 -2.05 0.00	35.64 -2.10 0.00	43.78 -2.80 0.00	51.24 -2.71 0.00	54.14 -2.28 0.00	52.15 -2.62 0.00	50.74 -2.86 0.00	51.15 -3.13 0.00	47.59 -2.75 0.00	50.39 -2.78 0.00	49.41 -3.11 0.00	47.20 -2.15 0.00	52.29 -2.02 0.00	46.12 -1.45 0.00	41.87 -1.27 0.00	37.95 -0.90 0.00	41.53 -1.28 0.00
INDECK___OSWEGO 23783	29.58 -0.66 0.00	30.87 -0.69 0.00	29.90 -0.66 0.00	28.06 -0.64 0.00	31.93 -0.71 0.00	36.34 -0.78 0.00	36.03 -0.76 0.00	30.51 -0.58 0.00	37.08 -0.67 0.00	45.70 -0.88 0.00	52.98 -0.97 0.00	55.47 -0.96 0.00	53.76 -1.01 0.00	52.58 -1.01 0.00	53.22 -1.07 0.00	49.29 -1.04 0.00	52.05 -1.12 0.00	51.30 -1.23 0.00	48.30 -1.05 0.00	53.19 -1.13 0.00	46.62 -0.95 0.00	42.23 -0.91 0.00	38.05 -0.79 0.00	41.98 -0.83 0.00
INDECK___YERKES 23781	26.57 -2.19 1.48	23.54 -2.48 5.54	25.40 -2.31 2.85	26.46 -2.23 0.00	30.28 -2.37 0.00	34.49 -2.63 0.00	34.15 -2.64 0.00	24.01 -2.46 4.62	29.18 -2.20 6.36	41.05 -2.99 2.54	51.11 -2.84 0.00	54.24 -2.18 0.00	51.54 -3.22 0.00	50.26 -3.34 0.00	50.85 -3.44 0.00	47.49 -2.85 0.00	50.00 -3.17 0.00	49.15 -3.37 0.00	46.85 -2.50 0.00	51.54 -2.77 0.00	45.78 -1.79 0.00	41.47 -1.67 0.00	37.82 -1.02 0.00	41.43 -1.37 0.00
INDIAN POINT_GT_1 24139	31.14 0.90 0.00	32.59 1.03 0.00	31.45 0.89 0.00	29.53 0.83 0.00	33.55 0.91 0.00	38.19 1.07 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.60 0.87 0.00	47.58 1.00 0.00	54.76 0.80 0.00	56.90 0.48 0.00	55.59 0.83 0.00	54.57 0.97 0.00	55.49 1.20 0.00	51.49 1.16 0.00	54.48 1.31 0.00	53.83 1.31 0.00	50.54 1.20 0.00	55.74 1.42 0.00	48.57 1.00 0.00	44.01 0.87 0.00	39.54 0.70 0.00	43.57 0.76 0.00
INDIAN POINT_GT_2 23659	31.14 0.90 0.00	32.59 1.03 0.00	31.45 0.89 0.00	29.53 0.83 0.00	33.55 0.91 0.00	38.19 1.07 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.60 0.87 0.00	47.58 1.00 0.00	54.76 0.80 0.00	56.90 0.48 0.00	55.59 0.83 0.00	54.57 0.97 0.00	55.49 1.20 0.00	51.49 1.16 0.00	54.48 1.31 0.00	53.83 1.31 0.00	50.54 1.20 0.00	55.74 1.42 0.00	48.57 1.00 0.00	44.01 0.87 0.00	39.54 0.70 0.00	43.57 0.76 0.00
INDIAN POINT_GT_3 24019	31.14 0.90 0.00	32.59 1.03 0.00	31.45 0.89 0.00	29.53 0.83 0.00	33.55 0.91 0.00	38.19 1.07 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.60 0.87 0.00	47.58 1.00 0.00	54.76 0.80 0.00	56.90 0.48 0.00	55.59 0.83 0.00	54.57 0.97 0.00	55.49 1.20 0.00	51.49 1.16 0.00	54.48 1.31 0.00	53.83 1.31 0.00	50.54 1.20 0.00	55.74 1.42 0.00	48.57 1.00 0.00	44.01 0.87 0.00	39.54 0.70 0.00	43.57 0.76 0.00
INDIAN POINT___2 23530	31.05 0.81 0.00	32.49 0.93 0.00	31.35 0.78 0.00	29.42 0.73 0.00	33.44 0.80 0.00	38.07 0.95 0.00	37.69 0.90 0.00	31.90 0.82 0.00	38.49 0.75 0.00	47.42 0.84 0.00	54.60 0.65 0.00	56.75 0.32 0.00	55.46 0.70 0.00	54.44 0.85 0.00	55.35 1.06 0.00	51.34 1.01 0.00	54.33 1.16 0.00	53.68 1.15 0.00	50.40 1.05 0.00	55.57 1.25 0.00	48.42 0.86 0.00	43.86 0.72 0.00	39.43 0.59 0.00	43.44 0.64 0.00
INDIAN POINT___3 23531	31.19 0.95 0.00	32.64 1.08 0.00	31.49 0.93 0.00	29.57 0.87 0.00	33.60 0.95 0.00	38.24 1.13 0.00	37.86 1.07 0.00	32.06 0.97 0.00	38.65 0.91 0.00	47.64 1.06 0.00	54.84 0.89 0.00	56.98 0.56 0.00	55.65 0.89 0.00	54.63 1.03 0.00	55.54 1.25 0.00	51.54 1.21 0.00	54.54 1.37 0.00	53.89 1.36 0.00	50.59 1.25 0.00	55.80 1.48 0.00	48.63 1.06 0.00	44.06 0.92 0.00	39.59 0.75 0.00	43.62 0.81 0.00
INGHAM_C_115KV_TB7 356103	30.03 -0.21 0.00	31.34 -0.22 0.00	30.44 -0.12 0.00	28.61 -0.08 0.00	32.58 -0.06 0.00	37.11 0.00 0.00	36.70 -0.09 0.00	31.08 -0.01 0.00	37.33 -0.41 0.00	46.03 -0.55 0.00	52.85 -1.09 0.00	55.44 -0.98 0.00	54.06 -0.71 0.00	53.02 -0.58 0.00	53.70 -0.58 0.00	49.84 -0.49 0.00	52.76 -0.42 0.00	52.32 -0.20 0.00	49.16 -0.19 0.00	54.06 -0.26 0.00	46.97 -0.60 0.00	42.40 -0.74 0.00	38.04 -0.81 0.00	41.81 -1.00 0.00
IP CORINTH___1 23988	31.85 1.61 0.00	33.25 1.69 0.00	32.26 1.71 0.00	30.27 1.57 0.00	34.44 1.80 0.00	39.02 1.90 0.00	38.66 1.87 0.00	32.74 1.65 0.00	39.59 1.85 0.00	48.93 2.35 0.00	56.53 2.58 0.00	59.11 2.69 0.00	57.48 2.72 0.00	56.32 2.72 0.00	57.11 2.82 0.00	52.98 2.64 0.00	56.07 2.90 0.00	55.78 3.26 0.00	52.43 3.08 0.00	57.67 3.36 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.86 2.02 0.00	44.98 2.17 0.00

IP___TICONDEROGA 23804	33.00 2.75 0.00	34.31 2.75 0.00	33.29 2.73 0.00	31.38 2.69 0.00	35.68 3.04 0.00	40.03 2.91 0.00	39.74 2.95 0.00	33.65 2.57 0.00	40.63 2.89 0.00	50.26 3.68 0.00	57.90 3.95 0.00	60.56 4.14 0.00	59.11 4.35 0.00	57.69 4.09 0.00	58.62 4.34 0.00	54.39 4.05 0.00	57.69 4.52 0.00	58.05 5.53 0.00	54.59 5.24 0.00	60.04 5.72 0.00	52.36 4.79 0.00	47.16 4.02 0.00	42.08 3.23 0.00	46.46 3.66 0.00
ISLIP_RES_REC 323679	31.74 1.50 0.00	33.29 1.73 0.00	32.09 1.53 0.00	30.15 1.45 0.00	34.07 1.43 0.00	38.99 1.87 0.00	38.91 2.12 0.00	33.01 1.93 0.00	39.19 1.45 0.00	47.90 1.32 0.00	55.12 1.18 0.00	56.40 -0.02 0.00	55.06 0.30 0.00	53.74 0.15 0.00	55.00 0.71 0.00	51.94 1.61 0.00	55.02 1.85 0.00	54.91 2.20 -0.19	51.18 1.83 0.00	57.18 2.38 -0.49	49.27 1.70 0.00	44.80 1.66 0.00	39.92 1.07 0.00	44.30 1.49 0.00
JAMAICA__27_KV_LOAD 355505	31.68 1.44 0.00	33.14 1.58 0.00	31.94 1.38 0.00	30.02 1.32 0.00	34.09 1.45 0.00	38.75 1.63 0.00	38.37 1.58 0.00	32.49 1.40 0.00	39.32 1.58 0.00	48.39 1.81 0.00	55.63 1.68 0.00	57.72 1.30 0.00	56.42 1.66 0.00	55.22 1.62 0.00	56.07 1.78 0.00	52.10 1.77 0.00	55.10 1.92 0.00	54.35 1.73 -0.10	51.00 1.65 0.00	56.27 1.96 0.00	49.03 1.46 0.00	44.54 1.40 0.00	39.99 1.15 0.00	44.03 1.23 0.00
JANIS___SOLAR 323808	30.88 0.16 -0.48	34.36 0.15 -2.65	33.82 -0.01 -3.27	28.44 -0.26 0.00	32.42 -0.22 0.00	37.20 0.09 0.00	37.19 0.40 0.00	33.08 0.49 -1.50	40.58 0.77 -2.07	48.42 1.01 -0.83	55.17 1.22 0.00	57.68 1.26 0.00	55.73 0.96 0.00	54.77 1.18 0.00	55.45 1.16 0.00	51.62 1.29 0.00	54.91 1.74 0.00	54.29 1.77 0.00	51.45 2.10 0.00	56.69 2.38 0.00	49.61 2.05 0.00	44.89 1.76 0.00	40.29 1.45 0.00	44.04 1.23 0.00
JARVIS____ 23743	30.27 0.03 0.00	31.61 0.04 0.00	30.61 0.05 0.00	28.76 0.06 0.00	32.71 0.07 0.00	37.20 0.08 0.00	36.87 0.08 0.00	31.18 0.09 0.00	37.75 0.01 0.00	46.59 0.01 0.00	53.91 -0.04 0.00	56.34 -0.07 0.00	54.74 -0.02 0.00	53.60 0.00 0.00	54.30 0.01 0.00	50.33 0.00 0.00	53.19 0.01 0.00	52.57 0.05 0.00	49.40 0.05 0.00	54.37 0.05 0.00	47.56 -0.01 0.00	43.11 -0.04 0.00	38.80 -0.05 0.00	42.74 -0.07 0.00
JENNISON___1 23625	29.81 -0.43 0.00	31.57 -0.19 -0.19	30.52 -0.58 -0.54	27.83 -0.87 0.00	31.67 -0.97 0.00	36.26 -0.86 0.00	36.25 -0.53 0.00	30.86 -0.22 0.00	37.64 -0.10 0.00	46.78 0.20 0.00	54.08 0.13 0.00	56.30 -0.12 0.00	54.60 -0.16 0.00	54.02 0.42 0.00	54.65 0.36 0.00	50.99 0.65 0.00	54.24 1.07 0.00	53.82 1.30 0.00	51.24 1.89 0.00	56.43 2.11 0.00	49.28 1.72 0.00	44.75 1.61 0.00	40.15 1.31 0.00	43.64 0.84 0.00
JENNISON___2 23626	29.81 -0.43 0.00	31.57 -0.19 -0.19	30.52 -0.58 -0.54	27.83 -0.87 0.00	31.67 -0.97 0.00	36.26 -0.86 0.00	36.25 -0.53 0.00	30.86 -0.22 0.00	37.64 -0.10 0.00	46.78 0.20 0.00	54.08 0.13 0.00	56.30 -0.12 0.00	54.60 -0.16 0.00	54.02 0.42 0.00	54.65 0.36 0.00	50.99 0.65 0.00	54.24 1.07 0.00	53.82 1.30 0.00	51.24 1.89 0.00	56.43 2.11 0.00	49.28 1.72 0.00	44.75 1.61 0.00	40.15 1.31 0.00	43.64 0.84 0.00
JERICHO_RISE_WT_PWR 323719	30.42 0.18 0.00	31.60 0.04 0.00	30.38 -0.18 0.00	28.42 -0.28 0.00	32.33 -0.31 0.00	36.71 -0.41 0.00	36.57 -0.21 0.00	30.72 -0.37 0.00	37.71 -0.03 0.00	46.79 0.21 0.00	54.81 0.87 0.00	57.57 1.15 0.00	56.01 1.25 0.00	54.75 1.15 0.00	55.41 1.12 0.00	51.36 1.02 0.00	54.25 1.08 0.00	53.84 1.32 0.00	50.54 1.19 0.00	55.58 1.27 0.00	48.69 1.12 0.00	43.97 0.83 0.00	39.38 0.54 0.00	43.24 0.43 0.00
KATONAH__115KV_46KV_TB4 355592	31.39 1.15 0.00	32.84 1.28 0.00	31.71 1.15 0.00	29.76 1.06 0.00	33.82 1.17 0.00	38.49 1.37 0.00	38.12 1.33 0.00	32.30 1.21 0.00	38.91 1.17 0.00	47.96 1.38 0.00	55.21 1.27 0.00	57.37 0.95 0.00	56.00 1.24 0.00	54.96 1.37 0.00	55.87 1.59 0.00	51.86 1.53 0.00	54.88 1.71 0.00	54.27 1.75 0.00	50.98 1.63 0.00	56.20 1.89 0.00	48.99 1.42 0.00	44.40 1.26 0.00	39.87 1.02 0.00	43.90 1.10 0.00
KCE_NY_1 323755	31.48 1.24 0.00	32.92 1.36 0.00	31.94 1.38 0.00	30.06 1.36 0.00	34.14 1.50 0.00	38.77 1.66 0.00	38.40 1.61 0.00	32.46 1.38 0.00	39.23 1.49 0.00	48.42 1.84 0.00	56.04 2.09 0.00	58.54 2.12 0.00	56.87 2.11 0.00	55.72 2.13 0.00	56.46 2.17 0.00	52.36 2.03 0.00	55.32 2.15 0.00	54.86 2.33 0.00	51.58 2.23 0.00	56.75 2.43 0.00	49.54 1.97 0.00	44.92 1.79 0.00	40.34 1.50 0.00	44.42 1.62 0.00
KCE_NY_6_ESR 323823	26.91 -2.11 1.22	24.49 -2.42 4.65	25.73 -2.25 2.59	26.61 -2.08 0.00	30.43 -2.21 0.00	34.68 -2.44 0.00	34.38 -2.40 0.00	25.05 -2.24 3.80	30.48 -2.03 5.23	41.79 -2.70 2.09	51.51 -2.44 0.00	54.66 -1.76 0.00	52.03 -2.73 0.00	50.69 -2.91 0.00	51.27 -3.02 0.00	47.88 -2.45 0.00	50.42 -2.75 0.00	49.58 -2.94 0.00	47.25 -2.10 0.00	52.05 -2.26 0.00	46.19 -1.38 0.00	41.76 -1.37 0.00	38.02 -0.83 0.00	41.62 -1.19 0.00
KEDC_PORT_JEFF_GT2 24210	31.62 1.38 0.00	33.19 1.63 0.00	31.99 1.43 0.00	30.05 1.35 0.00	33.96 1.31 0.00	38.84 1.73 0.00	38.76 1.97 0.00	32.88 1.79 0.00	39.05 1.31 0.00	47.78 1.20 0.00	54.99 1.05 0.00	56.32 -0.10 0.00	54.94 0.18 0.00	53.70 0.11 0.00	54.88 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.69 2.00 -0.16	51.01 1.66 0.00	56.91 2.16 -0.44	49.06 1.49 0.00	44.62 1.48 0.00	39.78 0.93 0.00	44.13 1.33 0.00
KEDC_PORT_JEFF_GT3 24211	31.62 1.38 0.00	33.19 1.63 0.00	31.99 1.43 0.00	30.05 1.35 0.00	33.96 1.31 0.00	38.84 1.73 0.00	38.76 1.97 0.00	32.88 1.79 0.00	39.05 1.31 0.00	47.78 1.20 0.00	54.99 1.05 0.00	56.32 -0.10 0.00	54.94 0.18 0.00	53.70 0.11 0.00	54.88 0.59 0.00	51.80 1.47 0.00	54.87 1.70 0.00	54.69 2.00 -0.16	51.01 1.66 0.00	56.91 2.16 -0.44	49.06 1.49 0.00	44.62 1.48 0.00	39.78 0.93 0.00	44.13 1.33 0.00
KEDC_GLWD_GT4 24219	31.84 1.59 0.00	33.31 1.75 0.00	32.12 1.56 0.00	30.14 1.45 0.00	34.19 1.55 0.00	38.96 1.84 0.00	38.69 1.90 0.00	32.81 1.72 0.00	39.24 1.49 0.00	48.28 1.71 0.00	55.61 1.66 0.00	57.53 1.11 0.00	56.08 1.32 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.23 1.89 -0.01	55.24 2.06 -0.01	55.99 2.04 -1.43	51.20 1.85 0.00	58.84 2.18 -2.35	49.20 1.63 0.00	44.62 1.48 0.00	40.02 1.18 0.00	44.16 1.35 0.00
KEDC_GLWD_GT5 24220	31.84 1.59 0.00	33.31 1.75 0.00	32.12 1.56 0.00	30.14 1.45 0.00	34.19 1.55 0.00	38.96 1.84 0.00	38.69 1.90 0.00	32.81 1.72 0.00	39.24 1.49 0.00	48.28 1.71 0.00	55.61 1.66 0.00	57.53 1.11 0.00	56.08 1.32 0.00	55.07 1.47 0.00	56.01 1.72 0.00	52.23 1.89 -0.01	55.24 2.06 -0.01	55.99 2.04 -1.43	51.20 1.85 0.00	58.84 2.18 -2.35	49.20 1.63 0.00	44.62 1.48 0.00	40.02 1.18 0.00	44.16 1.35 0.00

KENSICO____ 23655	31.34 1.10 0.00	32.80 1.24 0.00	31.65 1.09 0.00	29.71 1.01 0.00	33.75 1.10 0.00	38.42 1.30 0.00	38.05 1.26 0.00	32.23 1.14 0.00	38.82 1.08 0.00	47.86 1.28 0.00	55.08 1.13 0.00	57.23 0.81 0.00	55.87 1.11 0.00	54.84 1.25 0.00	55.78 1.49 0.00	51.79 1.46 0.00	54.79 1.62 0.00	54.14 1.62 0.00	50.85 1.50 0.00	56.08 1.76 0.00	48.85 1.28 0.00	44.27 1.13 0.00	39.77 0.93 0.00	43.81 1.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.49 1.25 0.00	32.93 1.37 0.00	31.78 1.22 0.00	29.81 1.12 0.00	33.90 1.26 0.00	38.61 1.49 0.00	38.26 1.47 0.00	32.43 1.34 0.00	39.06 1.32 0.00	48.15 1.57 0.00	55.10 1.15 0.00	57.31 0.89 0.00	55.94 1.18 0.00	55.06 1.46 0.00	56.11 1.82 0.00	52.01 1.68 0.00	55.10 1.93 0.00	54.55 2.03 0.00	51.37 2.02 0.00	56.67 2.35 0.00	49.41 1.85 0.00	44.74 1.61 0.00	40.18 1.34 0.00	44.20 1.40 0.00
KIAC_JFK_GT1 23816	31.51 1.27 0.00	32.97 1.41 0.00	31.78 1.23 0.00	29.86 1.17 0.00	33.92 1.28 0.00	38.55 1.44 0.00	38.17 1.39 0.00	32.33 1.24 0.00	39.10 1.36 0.00	48.14 1.56 0.00	55.33 1.38 0.00	57.42 1.00 0.00	56.12 1.36 0.00	54.93 1.34 0.00	55.76 1.47 0.00	51.83 1.49 0.00	54.73 1.56 0.00	53.85 1.23 -0.10	50.51 1.16 0.00	55.71 1.40 0.00	48.57 1.00 0.00	44.25 1.11 0.00	39.75 0.91 0.00	43.78 0.97 0.00
KIAC_JFK_GT2 23817	31.51 1.27 0.00	32.97 1.41 0.00	31.78 1.23 0.00	29.86 1.17 0.00	33.92 1.28 0.00	38.55 1.44 0.00	38.17 1.39 0.00	32.33 1.24 0.00	39.10 1.36 0.00	48.14 1.56 0.00	55.33 1.38 0.00	57.42 1.00 0.00	56.12 1.36 0.00	54.93 1.34 0.00	55.76 1.47 0.00	51.83 1.49 0.00	54.73 1.56 0.00	53.85 1.23 -0.10	50.51 1.16 0.00	55.71 1.40 0.00	48.57 1.00 0.00	44.25 1.11 0.00	39.75 0.91 0.00	43.78 0.97 0.00
KIAC_JFK____ 323774	31.51 1.27 0.00	32.98 1.42 0.00	31.78 1.22 0.00	29.86 1.17 0.00	33.92 1.28 0.00	38.55 1.43 0.00	38.18 1.38 0.00	32.33 1.24 0.00	39.10 1.36 0.00	48.12 1.54 0.00	55.33 1.38 0.00	57.42 1.00 0.00	56.12 1.36 0.00	54.94 1.34 0.00	55.75 1.47 0.00	51.83 1.50 0.00	54.73 1.56 0.00	53.87 1.25 -0.10	50.51 1.16 0.00	55.71 1.40 0.00	48.56 1.00 0.00	44.25 1.11 0.00	39.76 0.92 0.00	43.78 0.97 0.00
KINTIGH____ 23543	27.09 -2.04 1.11	25.15 -2.27 4.15	26.30 -2.08 2.18	26.67 -2.03 0.00	30.48 -2.16 0.00	34.72 -2.40 0.00	34.38 -2.42 0.00	25.48 -2.16 3.45	31.03 -1.97 4.74	41.94 -2.75 1.89	51.28 -2.67 0.00	54.25 -2.17 0.00	51.77 -2.99 0.00	50.54 -3.06 0.00	51.10 -3.19 0.00	47.64 -2.69 0.00	50.17 -3.01 0.00	49.33 -3.19 0.00	46.90 -2.45 0.00	51.63 -2.68 0.00	45.73 -1.84 0.00	41.41 -1.73 0.00	37.62 -1.22 0.00	41.29 -1.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.93 0.69 0.00	32.13 0.56 0.00	30.90 0.34 0.00	28.89 0.19 0.00	32.89 0.25 0.00	37.32 0.20 0.00	37.22 0.43 0.00	31.28 0.19 0.00	38.33 0.59 0.00	47.62 1.04 0.00	55.78 1.83 0.00	58.45 2.03 0.00	56.96 2.20 0.00	55.58 1.98 0.00	56.19 1.90 0.00	52.09 1.76 0.00	55.02 1.85 0.00	54.77 2.25 0.00	51.51 2.16 0.00	56.66 2.34 0.00	49.64 2.07 0.00	44.83 1.69 0.00	40.11 1.27 0.00	44.04 1.23 0.00
LACHUTE____HYDRO 323717	33.00 2.75 0.00	34.31 2.75 0.00	33.29 2.73 0.00	31.38 2.69 0.00	35.69 3.04 0.00	40.03 2.91 0.00	39.74 2.95 0.00	33.65 2.57 0.00	40.63 2.89 0.00	50.26 3.68 0.00	57.90 3.96 0.00	60.57 4.14 0.00	59.11 4.35 0.00	57.69 4.09 0.00	58.62 4.34 0.00	54.39 4.06 0.00	57.69 4.52 0.00	58.05 5.53 0.00	54.59 5.24 0.00	60.04 5.72 0.00	52.36 4.79 0.00	47.16 4.02 0.00	42.08 3.23 0.00	46.46 3.66 0.00
LAWRNCALV_115KV_TB1 80681	30.17 -0.07 0.00	31.41 -0.15 0.00	30.39 -0.17 0.00	28.53 -0.17 0.00	32.45 -0.19 0.00	36.90 -0.21 0.00	36.70 -0.09 0.00	30.88 -0.20 0.00	37.77 0.03 0.00	46.88 0.30 0.00	54.50 0.55 0.00	57.04 0.62 0.00	55.20 0.44 0.00	53.88 0.28 0.00	54.57 0.28 0.00	50.63 0.29 0.00	53.43 0.27 0.00	52.87 0.34 0.00	49.65 0.30 0.00	54.60 0.28 0.00	47.92 0.35 0.00	43.47 0.33 0.00	39.10 0.26 0.00	43.04 0.24 0.00
LEDERLE____ 23769	31.26 1.02 0.00	32.71 1.15 0.00	31.55 0.99 0.00	29.62 0.92 0.00	33.67 1.02 0.00	38.44 1.32 0.00	38.06 1.27 0.00	32.23 1.14 0.00	38.89 1.15 0.00	47.93 1.35 0.00	55.16 1.22 0.00	57.38 0.96 0.00	56.07 1.31 0.00	55.08 1.48 0.00	55.98 1.69 0.00	51.93 1.59 0.00	54.76 1.59 0.00	54.10 1.58 0.00	50.78 1.43 0.00	56.00 1.69 0.00	48.81 1.24 0.00	44.19 1.06 0.00	39.73 0.89 0.00	43.76 0.96 0.00
LIGHTHSE_115KV_TB6 355974	29.84 -0.40 0.00	31.14 -0.42 0.00	30.16 -0.39 0.00	28.28 -0.42 0.00	32.25 -0.39 0.00	36.76 -0.35 0.00	36.46 -0.33 0.00	30.91 -0.17 0.00	37.59 -0.15 0.00	46.45 -0.13 0.00	53.88 -0.07 0.00	56.39 -0.03 0.00	54.60 -0.16 0.00	53.31 -0.29 0.00	54.08 -0.21 0.00	50.09 -0.24 0.00	52.89 -0.28 0.00	52.14 -0.38 0.00	49.14 -0.21 0.00	54.13 -0.18 0.00	47.44 -0.13 0.00	42.92 -0.23 0.00	38.62 -0.22 0.00	42.52 -0.29 0.00
LINDEN COGEN____ 23786	31.29 1.05 0.00	32.74 1.18 0.00	31.57 1.01 0.00	29.63 0.93 0.00	33.66 1.02 0.00	38.32 1.21 0.00	37.95 1.16 0.00	32.14 1.06 0.00	38.77 1.03 0.00	47.81 1.23 0.00	54.98 1.03 0.00	57.02 0.60 0.00	55.71 0.95 0.00	54.68 1.08 0.00	55.62 1.34 0.00	51.62 1.29 0.00	54.62 1.44 0.00	53.92 1.40 0.00	50.65 1.30 0.00	55.88 1.57 0.00	48.64 1.07 0.00	44.09 0.95 0.00	39.62 0.77 0.00	43.63 0.83 0.00
LINDHRST_69_KV_BK1 356055	32.04 1.80 0.00	33.53 1.97 0.00	32.31 1.75 0.00	30.32 1.62 0.00	34.36 1.72 0.00	39.20 2.09 0.00	39.01 2.22 0.00	33.08 2.00 0.00	39.44 1.70 0.00	48.42 1.84 0.00	55.77 1.82 0.00	57.40 0.98 0.00	55.97 1.21 0.00	54.86 1.27 0.00	55.92 1.63 0.00	52.67 2.34 0.00	55.65 2.48 0.00	55.79 2.55 -0.72	51.54 2.19 0.00	58.23 2.62 -1.30	49.55 1.98 0.00	45.00 1.86 0.00	40.30 1.46 0.00	44.57 1.76 0.00
LIPA_MISC_IPP 23656	31.39 1.15 0.00	33.03 1.47 0.00	31.82 1.27 0.00	29.92 1.22 0.00	33.78 1.14 0.00	38.69 1.57 0.00	38.68 1.89 0.00	32.81 1.72 0.00	38.86 1.13 0.00	47.48 0.91 0.00	54.58 0.63 0.00	55.76 -0.66 0.00	54.40 -0.36 0.00	53.05 -0.54 0.00	54.33 0.04 0.00	51.28 0.95 0.00	54.36 1.20 0.00	54.32 1.65 -0.15	50.61 1.27 0.00	56.55 1.82 -0.41	48.78 1.21 0.00	44.41 1.27 0.00	39.51 0.67 0.00	43.93 1.13 0.00
LISF____SOLAR 323691	31.44 1.19 0.00	33.07 1.50 0.00	31.86 1.30 0.00	29.97 1.27 0.00	33.82 1.18 0.00	38.76 1.64 0.00	38.74 1.95 0.00	32.87 1.78 0.00	38.91 1.17 0.00	47.50 0.92 0.00	54.61 0.66 0.00	55.75 -0.66 0.00	54.42 -0.34 0.00	53.04 -0.55 0.00	54.36 0.07 0.00	51.35 1.02 0.00	54.43 1.26 0.00	54.40 1.73 -0.15	50.70 1.35 0.00	56.66 1.92 -0.42	48.87 1.30 0.00	44.49 1.35 0.00	39.56 0.72 0.00	44.00 1.20 0.00

LITTLE FALLS___HYD 24013	30.03 -0.21 0.00	31.34 -0.22 0.00	30.44 -0.12 0.00	28.61 -0.08 0.00	32.58 -0.06 0.00	37.11 0.00 0.00	36.70 -0.09 0.00	31.08 -0.01 0.00	37.33 -0.41 0.00	46.03 -0.55 0.00	52.85 -1.09 0.00	55.44 -0.98 0.00	54.06 -0.71 0.00	53.02 -0.58 0.00	53.70 -0.58 0.00	49.84 -0.49 0.00	52.76 -0.42 0.00	52.32 -0.20 0.00	49.16 -0.19 0.00	54.06 -0.26 0.00	46.97 -0.60 0.00	42.40 -0.74 0.00	38.04 -0.81 0.00	41.81 -1.00 0.00
LITTLRIV_115KV_TB1 356100	30.64 0.40 0.00	31.89 0.33 0.00	30.87 0.31 0.00	28.99 0.29 0.00	32.97 0.33 0.00	37.50 0.39 0.00	37.30 0.51 0.00	31.38 0.29 0.00	38.42 0.68 0.00	47.68 1.10 0.00	55.30 1.35 0.00	57.88 1.46 0.00	56.00 1.24 0.00	54.59 0.99 0.00	55.28 0.99 0.00	51.28 0.95 0.00	54.23 1.06 0.00	53.68 1.16 0.00	50.48 1.13 0.00	55.55 1.24 0.00	48.79 1.22 0.00	44.24 1.10 0.00	39.78 0.94 0.00	43.77 0.96 0.00
LI_NEWBRDGE___DRP 323616	31.53 1.29 0.00	33.03 1.46 0.00	31.84 1.29 0.00	29.88 1.19 0.00	33.87 1.23 0.00	38.62 1.50 0.00	38.35 1.56 0.00	32.54 1.45 0.00	38.87 1.13 0.00	47.79 1.22 0.00	55.06 1.11 0.00	56.87 0.45 0.00	55.48 0.72 0.00	54.41 0.82 0.00	55.27 0.98 0.00	51.80 1.47 0.01	54.74 1.57 0.01	54.03 1.58 0.07	50.69 1.34 0.00	56.08 1.67 -0.09	48.71 1.14 0.00	44.22 1.09 0.00	39.62 0.77 0.00	43.81 1.01 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.14 -2.44 1.65	22.60 -2.83 6.14	24.99 -2.53 3.03	26.29 -2.41 0.00	30.08 -2.56 0.00	34.28 -2.84 0.00	33.86 -2.93 0.00	23.18 -2.75 5.16	28.06 -2.58 7.11	40.28 -3.47 2.83	50.62 -3.32 0.00	53.73 -2.69 0.00	51.03 -3.74 0.00	49.80 -3.80 0.00	50.38 -3.91 0.00	47.07 -3.26 0.00	49.55 -3.63 0.00	48.73 -3.80 0.00	46.42 -2.93 0.00	51.05 -3.26 0.00	45.39 -2.17 0.00	41.10 -2.04 0.00	37.45 -1.39 0.00	41.04 -1.77 0.00
LOCKPORT___CC1 323769	25.78 -2.49 1.98	21.44 -2.84 7.28	24.50 -2.58 3.48	26.23 -2.47 0.00	30.01 -2.63 0.00	34.22 -2.90 0.00	33.79 -3.00 0.00	22.17 -2.76 6.17	26.65 -2.59 8.49	39.70 -3.49 3.39	50.55 -3.40 0.00	53.67 -2.75 0.00	50.98 -3.78 0.00	49.77 -3.82 0.00	50.35 -3.94 0.00	47.01 -3.32 0.00	49.50 -3.67 0.00	48.69 -3.83 0.00	46.39 -2.96 0.00	51.04 -3.28 0.00	45.35 -2.22 0.00	41.09 -2.05 0.00	37.43 -1.41 0.00	41.02 -1.78 0.00
LOCKPORT___CC2 323770	25.78 -2.49 1.98	21.44 -2.84 7.28	24.50 -2.58 3.48	26.23 -2.47 0.00	30.01 -2.63 0.00	34.22 -2.90 0.00	33.79 -3.00 0.00	22.17 -2.76 6.17	26.65 -2.59 8.49	39.70 -3.49 3.39	50.55 -3.40 0.00	53.67 -2.75 0.00	50.98 -3.78 0.00	49.77 -3.82 0.00	50.35 -3.94 0.00	47.01 -3.32 0.00	49.50 -3.67 0.00	48.69 -3.83 0.00	46.39 -2.96 0.00	51.04 -3.28 0.00	45.35 -2.22 0.00	41.09 -2.05 0.00	37.43 -1.41 0.00	41.02 -1.78 0.00
LOCKPORT___CC3 323771	25.78 -2.49 1.98	21.44 -2.84 7.28	24.50 -2.58 3.48	26.23 -2.47 0.00	30.01 -2.63 0.00	34.22 -2.90 0.00	33.79 -3.00 0.00	22.17 -2.76 6.17	26.65 -2.59 8.49	39.70 -3.49 3.39	50.55 -3.40 0.00	53.67 -2.75 0.00	50.98 -3.78 0.00	49.77 -3.82 0.00	50.35 -3.94 0.00	47.01 -3.32 0.00	49.50 -3.67 0.00	48.69 -3.83 0.00	46.39 -2.96 0.00	51.04 -3.28 0.00	45.35 -2.22 0.00	41.09 -2.05 0.00	37.43 -1.41 0.00	41.02 -1.78 0.00
LONG_LAKE_PHOENIX 24014	29.62 -0.62 0.00	30.90 -0.66 0.00	29.93 -0.63 0.00	28.08 -0.61 0.00	31.95 -0.69 0.00	36.38 -0.74 0.00	36.07 -0.72 0.00	30.54 -0.55 0.00	37.13 -0.61 0.00	45.76 -0.82 0.00	53.06 -0.89 0.00	55.58 -0.84 0.00	53.87 -0.90 0.00	52.66 -0.93 0.00	53.32 -0.97 0.00	49.40 -0.94 0.00	52.16 -1.01 0.00	51.40 -1.12 0.00	48.44 -0.91 0.00	53.33 -0.98 0.00	46.75 -0.82 0.00	42.33 -0.81 0.00	38.14 -0.70 0.00	42.07 -0.74 0.00
LOVETT___3 23632	31.13 0.89 0.00	32.58 1.02 0.00	31.43 0.87 0.00	29.51 0.81 0.00	33.53 0.88 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.91 0.00	38.58 0.83 0.00	47.55 0.97 0.00	54.73 0.78 0.00	56.87 0.46 0.00	55.58 0.81 0.00	54.55 0.95 0.00	55.45 1.17 0.00	51.45 1.12 0.00	54.45 1.28 0.00	53.79 1.27 0.00	50.50 1.15 0.00	55.69 1.37 0.00	48.53 0.96 0.00	43.96 0.82 0.00	39.52 0.67 0.00	43.54 0.73 0.00
LOVETT___4 23642	31.13 0.89 0.00	32.58 1.02 0.00	31.43 0.87 0.00	29.51 0.81 0.00	33.53 0.88 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.91 0.00	38.58 0.83 0.00	47.55 0.97 0.00	54.73 0.78 0.00	56.87 0.46 0.00	55.58 0.81 0.00	54.55 0.95 0.00	55.45 1.17 0.00	51.45 1.12 0.00	54.45 1.28 0.00	53.79 1.27 0.00	50.50 1.15 0.00	55.69 1.37 0.00	48.53 0.96 0.00	43.96 0.82 0.00	39.52 0.67 0.00	43.54 0.73 0.00
LOVETT___5 23593	31.13 0.89 0.00	32.58 1.02 0.00	31.43 0.87 0.00	29.51 0.81 0.00	33.53 0.88 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.91 0.00	38.58 0.83 0.00	47.55 0.97 0.00	54.73 0.78 0.00	56.87 0.46 0.00	55.58 0.81 0.00	54.55 0.95 0.00	55.45 1.17 0.00	51.45 1.12 0.00	54.45 1.28 0.00	53.79 1.27 0.00	50.50 1.15 0.00	55.69 1.37 0.00	48.53 0.96 0.00	43.96 0.82 0.00	39.52 0.67 0.00	43.54 0.73 0.00
LOWER RAQUET___HYD 24057	30.06 -0.18 0.00	31.29 -0.28 0.00	30.27 -0.30 0.00	28.42 -0.28 0.00	32.32 -0.32 0.00	36.77 -0.35 0.00	36.57 -0.22 0.00	30.77 -0.31 0.00	37.64 -0.10 0.00	46.74 0.16 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.03 0.27 0.00	53.70 0.10 0.00	54.40 0.12 0.00	50.46 0.12 0.00	53.27 0.10 0.00	52.71 0.19 0.00	49.51 0.16 0.00	54.45 0.14 0.00	47.79 0.22 0.00	43.33 0.19 0.00	38.97 0.13 0.00	42.89 0.09 0.00
LOWER___HUDSON 24059	31.00 0.76 0.00	32.44 0.87 0.00	31.50 0.94 0.00	29.61 0.91 0.00	33.66 1.02 0.00	38.19 1.08 0.00	37.76 0.97 0.00	31.91 0.82 0.00	38.43 0.69 0.00	47.43 0.85 0.00	54.79 0.84 0.00	57.20 0.78 0.00	55.67 0.91 0.00	54.50 0.90 0.00	55.26 0.97 0.00	51.24 0.91 0.00	54.14 0.97 0.00	53.75 1.23 0.00	50.44 1.09 0.00	55.49 1.17 0.00	48.50 0.93 0.00	43.99 0.85 0.00	39.54 0.70 0.00	43.58 0.77 0.00
LOWVILLE_115KV_TB2 356335	30.58 0.33 0.00	31.95 0.39 0.00	31.02 0.47 0.00	29.07 0.37 0.00	33.21 0.57 0.00	37.94 0.82 0.00	37.62 0.83 0.00	31.89 0.80 0.00	38.75 1.01 0.00	48.08 1.51 0.00	55.78 1.83 0.00	58.25 1.83 0.00	56.47 1.71 0.00	55.19 1.60 0.00	56.01 1.72 0.00	51.89 1.56 0.00	54.79 1.62 0.00	54.16 1.63 0.00	51.03 1.67 0.00	56.16 1.85 0.00	49.15 1.58 0.00	44.45 1.31 0.00	39.91 1.07 0.00	43.84 1.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.49 1.25 0.00	32.92 1.36 0.00	31.94 1.38 0.00	30.02 1.32 0.00	34.14 1.49 0.00	38.74 1.63 0.00	38.37 1.58 0.00	32.45 1.36 0.00	39.20 1.46 0.00	48.40 1.82 0.00	55.93 1.98 0.00	58.44 2.02 0.00	56.83 2.07 0.00	55.66 2.06 0.00	56.41 2.12 0.00	52.31 1.98 0.00	55.31 2.14 0.00	54.86 2.34 0.00	51.57 2.21 0.00	56.74 2.43 0.00	49.57 2.00 0.00	44.91 1.77 0.00	40.34 1.50 0.00	44.42 1.61 0.00

LUTHERNY_35_KV_BK2 355980	31.49 1.25 0.00	32.93 1.37 0.00	31.93 1.38 0.00	30.06 1.36 0.00	34.14 1.50 0.00	38.77 1.66 0.00	38.40 1.62 0.00	32.46 1.38 0.00	39.23 1.49 0.00	48.43 1.85 0.00	56.03 2.08 0.00	58.54 2.12 0.00	56.87 2.11 0.00	55.72 2.13 0.00	56.45 2.17 0.00	52.36 2.03 0.00	55.32 2.15 0.00	54.86 2.33 0.00	51.58 2.23 0.00	56.74 2.42 0.00	49.54 1.97 0.00	44.92 1.79 0.00	40.34 1.50 0.00	44.42 1.62 0.00
LWR___OSWEGATCHIE_HYD 23850	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.15 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.80 0.00	57.21 0.79 0.00	55.38 0.62 0.00	54.06 0.47 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.91 0.56 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.13 0.29 0.00	43.02 0.22 0.00
LYONS_FALL_HYD 23570	30.64 0.40 0.00	32.00 0.43 0.00	31.03 0.47 0.00	29.10 0.41 0.00	33.20 0.56 0.00	37.87 0.76 0.00	37.58 0.79 0.00	31.84 0.75 0.00	38.66 0.92 0.00	47.91 1.33 0.00	55.54 1.59 0.00	58.07 1.65 0.00	56.31 1.54 0.00	55.07 1.48 0.00	55.84 1.55 0.00	51.73 1.40 0.00	54.66 1.49 0.00	54.04 1.51 0.00	50.88 1.53 0.00	56.00 1.68 0.00	48.98 1.42 0.00	44.30 1.16 0.00	39.80 0.96 0.00	43.74 0.94 0.00
MADISON___COUNTY_LFGE 323628	30.70 0.46 0.00	32.02 0.46 0.00	30.99 0.43 0.00	29.08 0.38 0.00	33.12 0.47 0.00	37.75 0.64 0.00	37.52 0.73 0.00	31.81 0.72 0.00	38.62 0.88 0.00	47.72 1.14 0.00	55.34 1.39 0.00	57.95 1.53 0.00	56.20 1.44 0.00	54.98 1.38 0.00	55.69 1.40 0.00	51.61 1.27 0.00	54.58 1.41 0.00	53.92 1.40 0.00	50.77 1.42 0.00	55.83 1.52 0.00	48.84 1.27 0.00	44.18 1.05 0.00	39.74 0.90 0.00	43.70 0.89 0.00
MALONE___115KV_TB1 356076	30.66 0.42 0.00	31.85 0.29 0.00	30.67 0.11 0.00	28.73 0.03 0.00	32.69 0.05 0.00	37.14 0.02 0.00	37.04 0.25 0.00	31.18 0.09 0.00	38.26 0.52 0.00	47.53 0.95 0.00	55.53 1.58 0.00	58.26 1.84 0.00	56.57 1.81 0.00	55.26 1.66 0.00	55.90 1.61 0.00	51.81 1.48 0.00	54.76 1.60 0.00	54.32 1.80 0.00	51.05 1.70 0.00	56.14 1.83 0.00	49.23 1.66 0.00	44.49 1.35 0.00	39.84 1.00 0.00	43.73 0.93 0.00
MAPLEWOD_115KV_TB3 80458	30.91 0.67 0.00	32.30 0.74 0.00	31.36 0.80 0.00	29.49 0.79 0.00	33.48 0.84 0.00	38.03 0.92 0.00	37.59 0.80 0.00	31.72 0.64 0.00	38.21 0.47 0.00	47.14 0.56 0.00	54.43 0.48 0.00	56.81 0.39 0.00	55.33 0.57 0.00	54.20 0.60 0.00	54.95 0.67 0.00	50.98 0.65 0.00	53.88 0.71 0.00	53.41 0.88 0.00	50.13 0.78 0.00	55.16 0.84 0.00	48.21 0.64 0.00	43.73 0.59 0.00	39.38 0.54 0.00	43.36 0.55 0.00
MAPLE_RIDGE_WT_1 323574	30.14 -0.11 0.00	31.43 -0.13 0.00	30.41 -0.15 0.00	28.63 -0.07 0.00	32.64 0.00 0.00	37.11 0.00 0.00	36.78 -0.01 0.00	31.03 -0.06 0.00	37.79 0.05 0.00	46.73 0.15 0.00	54.21 0.26 0.00	56.73 0.31 0.00	54.99 0.23 0.00	53.80 0.20 0.00	54.49 0.20 0.00	50.53 0.20 0.00	53.35 0.18 0.00	52.72 0.19 0.00	49.51 0.16 0.00	54.45 0.14 0.00	47.71 0.15 0.00	43.26 0.12 0.00	38.94 0.10 0.00	42.87 0.06 0.00
MAPLE_RIDGE_WT_2 323611	30.14 -0.11 0.00	31.43 -0.13 0.00	30.41 -0.15 0.00	28.63 -0.07 0.00	32.64 0.00 0.00	37.11 0.00 0.00	36.78 -0.01 0.00	31.03 -0.06 0.00	37.79 0.05 0.00	46.73 0.15 0.00	54.21 0.26 0.00	56.73 0.31 0.00	54.99 0.23 0.00	53.80 0.20 0.00	54.49 0.20 0.00	50.53 0.20 0.00	53.35 0.18 0.00	52.72 0.19 0.00	49.51 0.16 0.00	54.45 0.14 0.00	47.71 0.15 0.00	43.26 0.12 0.00	38.94 0.10 0.00	42.87 0.06 0.00
MARBLE_RIVER_WT_PWR 323696	30.42 0.18 0.00	31.61 0.05 0.00	30.40 -0.16 0.00	28.43 -0.26 0.00	32.34 -0.30 0.00	36.72 -0.39 0.00	36.58 -0.21 0.00	30.73 -0.35 0.00	37.71 -0.03 0.00	46.76 0.19 0.00	54.77 0.82 0.00	57.50 1.08 0.00	55.96 1.19 0.00	54.70 1.10 0.00	55.37 1.08 0.00	51.31 0.98 0.00	54.21 1.04 0.00	53.80 1.27 0.00	50.50 1.15 0.00	55.55 1.23 0.00	48.65 1.08 0.00	43.93 0.79 0.00	39.36 0.52 0.00	43.23 0.42 0.00
MARSHVLE_115KV_TB1 80742	31.73 1.49 0.00	33.01 1.45 0.00	31.84 1.28 0.00	29.88 1.19 0.00	34.15 1.51 0.00	38.92 1.80 0.00	38.77 1.98 0.00	32.84 1.75 0.00	40.13 2.39 0.00	49.68 3.10 0.00	57.46 3.51 0.00	60.43 4.01 0.00	58.51 3.75 0.00	57.18 3.59 0.00	57.91 3.62 0.00	53.76 3.42 0.00	56.64 3.47 0.00	55.89 3.37 0.00	52.67 3.32 0.00	57.93 3.61 0.00	50.74 3.17 0.00	45.81 2.68 0.00	41.11 2.27 0.00	45.26 2.46 0.00
MARSH_HILL_WT_PWR 323713	33.69 -3.30 -6.75	50.67 -3.68 -22.79	33.03 -3.74 -6.21	25.20 -3.50 0.00	28.86 -3.78 0.00	32.80 -4.31 0.00	32.64 -4.15 0.00	48.63 -3.49 -21.03	62.36 -4.34 -28.96	52.96 -5.18 -11.55	48.99 -4.96 0.00	52.38 -4.04 0.00	50.69 -4.08 0.00	50.38 -3.22 0.00	50.97 -3.32 0.00	47.09 -3.25 0.00	50.36 -2.81 0.00	49.81 -2.71 0.00	47.79 -1.56 0.00	53.19 -1.13 0.00	47.04 -0.53 0.00	42.68 -0.46 0.00	38.48 -0.36 0.00	41.83 -0.98 0.00
MCINTYRE_115KV_TB2 80467	30.99 0.75 0.00	32.25 0.69 0.00	31.23 0.67 0.00	29.33 0.63 0.00	33.35 0.71 0.00	37.94 0.82 0.00	37.73 0.94 0.00	31.74 0.65 0.00	38.86 1.12 0.00	48.20 1.62 0.00	55.86 1.91 0.00	58.45 2.03 0.00	56.56 1.80 0.00	55.10 1.50 0.00	55.77 1.48 0.00	51.75 1.42 0.00	54.76 1.59 0.00	54.22 1.70 0.00	50.99 1.64 0.00	56.16 1.84 0.00	49.34 1.77 0.00	44.76 1.62 0.00	40.26 1.42 0.00	44.30 1.50 0.00
MECO_____69_KV_BK1 80468	31.97 1.73 0.00	33.29 1.73 0.00	32.17 1.61 0.00	30.20 1.50 0.00	34.45 1.81 0.00	39.23 2.11 0.00	39.02 2.23 0.00	33.08 1.99 0.00	40.24 2.50 0.00	49.81 3.23 0.00	57.42 3.47 0.00	60.38 3.96 0.00	58.52 3.75 0.00	57.22 3.63 0.00	58.01 3.72 0.00	53.85 3.52 0.00	56.82 3.65 0.00	56.17 3.65 0.00	52.92 3.57 0.00	58.25 3.93 0.00	50.97 3.41 0.00	46.08 2.94 0.00	41.34 2.50 0.00	45.48 2.68 0.00
MENANDS___115KV_TB5 355628	30.78 0.54 0.00	32.18 0.61 0.00	31.23 0.68 0.00	29.38 0.69 0.00	33.34 0.70 0.00	37.88 0.76 0.00	37.42 0.64 0.00	31.55 0.47 0.00	37.96 0.22 0.00	46.83 0.25 0.00	54.06 0.11 0.00	56.42 0.00 0.00	54.96 0.19 0.00	53.84 0.24 0.00	54.59 0.30 0.00	50.64 0.31 0.00	53.51 0.33 0.00	53.05 0.53 0.00	49.78 0.43 0.00	54.78 0.46 0.00	47.87 0.30 0.00	43.43 0.29 0.00	39.12 0.27 0.00	43.09 0.28 0.00
MG INDUSTRY___DRP 24185	30.81 0.57 0.00	32.20 0.63 0.00	31.23 0.67 0.00	29.36 0.67 0.00	33.36 0.72 0.00	37.90 0.78 0.00	37.47 0.68 0.00	31.61 0.53 0.00	38.10 0.36 0.00	46.96 0.38 0.00	54.26 0.31 0.00	56.60 0.18 0.00	55.11 0.35 0.00	54.00 0.40 0.00	54.70 0.41 0.00	50.78 0.45 0.00	53.67 0.50 0.00	53.18 0.66 0.00	49.95 0.60 0.00	54.97 0.66 0.00	48.07 0.50 0.00	43.60 0.45 0.00	39.24 0.39 0.00	43.23 0.43 0.00

MID___OSWEGATCHIE_HYD 23849	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.15 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.80 0.00	57.21 0.79 0.00	55.38 0.62 0.00	54.06 0.47 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.91 0.56 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.13 0.29 0.00	43.02 0.22 0.00
MID___RAQUETTE_HYD 23851	30.06 -0.18 0.00	31.29 -0.27 0.00	30.27 -0.29 0.00	28.42 -0.28 0.00	32.32 -0.32 0.00	36.77 -0.35 0.00	36.57 -0.22 0.00	30.77 -0.31 0.00	37.65 -0.09 0.00	46.74 0.16 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.03 0.27 0.00	53.69 0.09 0.00	54.40 0.11 0.00	50.46 0.12 0.00	53.27 0.10 0.00	52.71 0.19 0.00	49.51 0.16 0.00	54.45 0.13 0.00	47.79 0.22 0.00	43.33 0.19 0.00	38.97 0.13 0.00	42.89 0.09 0.00
MILLIKEN___1 23584	30.69 -0.06 -0.51	34.42 -0.07 -2.93	34.29 -0.11 -3.84	28.54 -0.16 0.00	32.49 -0.15 0.00	37.06 -0.06 0.00	36.78 -0.01 0.00	32.76 0.09 -1.59	40.14 0.22 -2.18	47.69 0.24 -0.87	54.32 0.37 0.00	56.90 0.48 0.00	55.12 0.35 0.00	53.93 0.33 0.00	54.57 0.28 0.00	50.66 0.33 0.00	53.71 0.54 0.00	52.98 0.46 0.00	50.03 0.67 0.00	55.11 0.80 0.00	48.30 0.73 0.00	43.74 0.60 0.00	39.32 0.48 0.00	43.24 0.44 0.00
MILLIKEN___2 23585	30.69 -0.06 -0.51	34.42 -0.07 -2.93	34.29 -0.11 -3.84	28.54 -0.16 0.00	32.49 -0.15 0.00	37.06 -0.06 0.00	36.78 -0.01 0.00	32.76 0.09 -1.59	40.14 0.22 -2.18	47.69 0.24 -0.87	54.32 0.37 0.00	56.90 0.48 0.00	55.12 0.35 0.00	53.93 0.33 0.00	54.57 0.28 0.00	50.66 0.33 0.00	53.71 0.54 0.00	52.98 0.46 0.00	50.03 0.67 0.00	55.11 0.80 0.00	48.30 0.73 0.00	43.74 0.60 0.00	39.32 0.48 0.00	43.24 0.44 0.00
MILLIKEN___DIESEL 23629	30.69 -0.06 -0.51	34.42 -0.07 -2.93	34.29 -0.11 -3.84	28.54 -0.16 0.00	32.49 -0.15 0.00	37.06 -0.06 0.00	36.78 -0.01 0.00	32.76 0.09 -1.59	40.14 0.22 -2.18	47.69 0.24 -0.87	54.32 0.37 0.00	56.90 0.48 0.00	55.12 0.35 0.00	53.93 0.33 0.00	54.57 0.28 0.00	50.66 0.33 0.00	53.71 0.54 0.00	52.98 0.46 0.00	50.03 0.67 0.00	55.11 0.80 0.00	48.30 0.73 0.00	43.74 0.60 0.00	39.32 0.48 0.00	43.24 0.44 0.00
MILLSEAT___LFGE 323607	27.16 -1.74 1.33	24.51 -2.06 4.99	26.18 -1.83 2.55	26.95 -1.75 0.00	30.82 -1.83 0.00	35.14 -1.98 0.00	34.77 -2.02 0.00	25.07 -1.86 4.16	30.49 -1.52 5.73	42.20 -2.10 2.28	52.09 -1.86 0.00	55.18 -1.24 0.00	52.46 -2.30 0.00	51.15 -2.44 0.00	51.81 -2.48 0.00	48.42 -1.91 0.00	51.01 -2.16 0.00	50.22 -2.31 0.00	47.79 -1.56 0.00	52.58 -1.73 0.00	46.63 -0.94 0.00	42.18 -0.96 0.00	38.33 -0.52 0.00	41.96 -0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.24 1.00 0.00	32.69 1.13 0.00	31.55 0.99 0.00	29.61 0.91 0.00	33.64 1.00 0.00	38.30 1.18 0.00	37.92 1.13 0.00	32.11 1.03 0.00	38.70 0.96 0.00	47.70 1.13 0.00	54.91 0.96 0.00	57.07 0.65 0.00	55.73 0.96 0.00	54.70 1.11 0.00	55.62 1.34 0.00	51.63 1.29 0.00	54.62 1.44 0.00	53.99 1.47 0.00	50.69 1.34 0.00	55.88 1.56 0.00	48.71 1.14 0.00	44.13 0.99 0.00	39.66 0.81 0.00	43.68 0.88 0.00
MILLWOOD_13_KV_LOAD 356217	31.27 1.03 0.00	32.72 1.16 0.00	31.58 1.02 0.00	29.64 0.94 0.00	33.67 1.03 0.00	38.33 1.22 0.00	37.97 1.18 0.00	32.15 1.06 0.00	38.74 1.00 0.00	47.75 1.17 0.00	54.95 1.00 0.00	57.12 0.70 0.00	55.77 1.01 0.00	54.77 1.17 0.00	55.69 1.40 0.00	51.69 1.35 0.00	54.70 1.53 0.00	54.04 1.52 0.00	50.75 1.40 0.00	55.97 1.66 0.00	48.76 1.19 0.00	44.18 1.04 0.00	39.69 0.85 0.00	43.73 0.92 0.00
MODEL_CITY_ENERGY 24167	26.01 -2.65 1.59	22.59 -3.08 5.90	24.86 -2.75 2.96	26.11 -2.59 0.00	29.87 -2.77 0.00	34.02 -3.10 0.00	33.57 -3.22 0.00	23.14 -3.00 4.94	28.06 -2.87 6.81	40.04 -3.82 2.72	50.13 -3.82 0.00	53.20 -3.22 0.00	50.52 -4.24 0.00	49.27 -4.32 0.00	49.86 -4.43 0.00	46.59 -3.75 0.00	49.02 -4.15 0.00	48.19 -4.33 0.00	45.92 -3.43 0.00	50.48 -3.83 0.00	44.90 -2.67 0.00	40.68 -2.46 0.00	37.10 -1.75 0.00	40.66 -2.15 0.00
MODERN_LFGE___ 323580	26.01 -2.65 1.59	22.59 -3.08 5.90	24.86 -2.75 2.96	26.11 -2.59 0.00	29.87 -2.77 0.00	34.02 -3.10 0.00	33.57 -3.22 0.00	23.14 -3.00 4.94	28.06 -2.87 6.81	40.04 -3.82 2.72	50.13 -3.82 0.00	53.20 -3.22 0.00	50.52 -4.24 0.00	49.27 -4.32 0.00	49.86 -4.43 0.00	46.59 -3.75 0.00	49.02 -4.15 0.00	48.19 -4.33 0.00	45.92 -3.43 0.00	50.48 -3.83 0.00	44.90 -2.67 0.00	40.68 -2.46 0.00	37.10 -1.75 0.00	40.66 -2.15 0.00
MOHAWK_PAPER___DRP 24187	30.91 0.67 0.00	32.30 0.74 0.00	31.36 0.80 0.00	29.49 0.79 0.00	33.48 0.84 0.00	38.03 0.92 0.00	37.59 0.80 0.00	31.72 0.64 0.00	38.21 0.47 0.00	47.14 0.56 0.00	54.43 0.48 0.00	56.81 0.39 0.00	55.33 0.57 0.00	54.20 0.60 0.00	54.95 0.67 0.00	50.98 0.65 0.00	53.88 0.71 0.00	53.41 0.88 0.00	50.13 0.78 0.00	55.16 0.84 0.00	48.21 0.64 0.00	43.73 0.59 0.00	39.38 0.54 0.00	43.36 0.55 0.00
MOHICAN___35_KV_115KV_LD 80490	31.93 1.69 0.00	33.34 1.77 0.00	32.35 1.79 0.00	30.38 1.68 0.00	34.57 1.93 0.00	39.12 2.01 0.00	38.77 1.98 0.00	32.82 1.73 0.00	39.67 1.94 0.00	49.04 2.46 0.00	56.64 2.69 0.00	59.21 2.80 0.00	57.59 2.83 0.00	56.41 2.82 0.00	57.20 2.91 0.00	53.05 2.72 0.00	56.16 2.99 0.00	55.92 3.40 0.00	52.56 3.21 0.00	57.81 3.49 0.00	50.49 2.92 0.00	45.67 2.52 0.00	40.94 2.10 0.00	45.08 2.27 0.00
MONGAUP___HYD 23641	31.46 1.22 0.00	32.87 1.31 0.00	31.73 1.17 0.00	29.77 1.08 0.00	33.85 1.21 0.00	38.55 1.43 0.00	38.19 1.40 0.00	32.36 1.27 0.00	38.85 1.11 0.00	47.47 0.90 0.00	54.53 0.58 0.00	56.51 0.09 0.00	55.14 0.37 0.00	54.52 0.92 0.00	55.37 1.08 0.00	51.18 0.84 0.00	54.52 1.35 0.00	54.38 1.86 0.00	51.24 1.89 0.00	56.56 2.25 0.00	49.38 1.81 0.00	44.71 1.57 0.00	40.14 1.30 0.00	44.16 1.36 0.00
MONTAUK___DIESEL 23721	30.69 0.44 0.00	32.83 1.27 0.00	31.51 0.95 0.00	29.58 0.88 0.00	33.09 0.45 0.00	37.91 0.79 0.00	37.85 1.07 0.00	32.11 1.02 0.00	38.15 0.41 0.00	46.97 0.39 0.00	54.86 0.91 0.00	55.95 -0.47 0.00	53.60 -1.16 0.00	51.22 -2.38 0.00	52.89 -1.40 0.00	49.86 -0.47 0.00	53.21 0.04 0.00	53.38 0.71 -0.15	50.32 0.98 0.00	56.33 1.60 -0.42	48.50 0.93 0.00	44.50 1.37 0.00	39.42 0.58 0.00	44.34 1.54 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.26 -3.39 0.59	25.23 -3.83 2.50	25.06 -3.57 1.93	25.38 -3.32 0.00	28.98 -3.67 0.00	33.06 -4.06 0.00	32.98 -3.82 0.00	25.88 -3.37 1.84	31.62 -3.59 2.54	41.17 -4.39 1.01	50.30 -3.65 0.00	54.11 -2.31 0.00	51.98 -2.79 0.00	49.42 -4.17 0.00	50.37 -3.91 0.00	47.35 -2.98 0.00	50.40 -2.77 0.00	49.52 -3.00 0.00	47.50 -1.85 0.00	52.75 -1.57 0.00	47.03 -0.54 0.00	42.81 -0.33 0.00	38.52 -0.32 0.00	41.56 -1.25 0.00

MORRIS_RIDGE___SOLAR 323848	13.46 -2.94 13.84	-21.01 -3.29 49.28	7.55 -3.25 19.76	25.65 -3.04 0.01	29.31 -3.34 0.00	33.62 -3.50 0.00	33.29 -3.50 0.00	-15.06 -3.02 43.13	-25.30 -3.63 59.41	18.47 -4.42 23.70	49.91 -4.04 0.00	53.16 -3.26 0.00	50.91 -3.85 0.00	50.22 -3.38 0.00	50.83 -3.46 0.00	46.94 -3.39 0.00	49.87 -3.30 0.00	49.46 -3.07 0.00	47.12 -2.23 0.00	52.15 -2.17 0.00	46.14 -1.42 0.00	41.80 -1.34 0.00	37.92 -0.93 0.00	41.45 -1.36 0.00
MORTIMER_115KV_TB3 55949	29.02 -1.22 0.00	29.96 -1.38 0.22	28.68 -1.27 0.61	27.45 -1.25 0.00	31.33 -1.31 0.00	35.70 -1.42 0.00	35.39 -1.40 0.00	29.88 -1.21 0.00	36.79 -0.96 0.00	45.19 -1.38 0.00	52.74 -1.21 0.00	55.61 -0.81 0.00	53.32 -1.44 0.00	52.09 -1.50 0.00	52.68 -1.60 0.00	49.06 -1.27 0.00	51.72 -1.45 0.00	50.92 -1.60 0.00	48.24 -1.11 0.00	53.13 -1.18 0.00	46.88 -0.68 0.00	42.41 -0.73 0.00	38.37 -0.47 0.00	42.11 -0.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.48 1.24 0.00	32.93 1.37 0.00	31.76 1.21 0.00	29.81 1.11 0.00	33.86 1.22 0.00	38.54 1.43 0.00	38.18 1.39 0.00	32.34 1.26 0.00	38.99 1.25 0.00	48.09 1.51 0.00	55.32 1.37 0.00	57.44 1.02 0.00	56.09 1.33 0.00	55.05 1.46 0.00	56.00 1.71 0.00	51.97 1.64 0.00	54.98 1.81 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.25 1.93 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
MUNSVILLE_WIND_PWR 323609	30.99 0.37 -0.38	33.87 0.40 -1.91	32.72 0.07 -2.08	28.21 -0.49 0.00	32.24 -0.41 0.00	37.38 0.27 0.00	37.74 0.95 0.00	33.31 1.03 -1.19	40.98 1.61 -1.64	49.41 2.18 -0.65	56.56 2.61 0.00	58.96 2.54 0.00	57.02 2.26 0.00	56.19 2.59 0.00	56.97 2.68 0.00	53.21 2.87 0.00	56.62 3.45 0.00	56.11 3.59 0.00	53.28 3.93 0.00	58.67 4.35 0.00	51.23 3.66 0.00	46.32 3.18 0.00	41.43 2.58 0.00	44.97 2.16 0.00
N SALMON___HYD 24042	30.66 0.42 0.00	31.85 0.29 0.00	30.67 0.11 0.00	28.73 0.03 0.00	32.69 0.05 0.00	37.14 0.02 0.00	37.04 0.25 0.00	31.18 0.09 0.00	38.26 0.52 0.00	47.53 0.95 0.00	55.53 1.58 0.00	58.26 1.84 0.00	56.57 1.81 0.00	55.26 1.66 0.00	55.90 1.61 0.00	51.81 1.48 0.00	54.76 1.60 0.00	54.32 1.80 0.00	51.05 1.70 0.00	56.14 1.83 0.00	49.23 1.66 0.00	44.49 1.35 0.00	39.84 1.00 0.00	43.73 0.93 0.00
N.AKRON__115KV_KNAPP 355671	27.01 -1.80 1.44	24.08 -2.13 5.34	25.96 -1.89 2.70	26.89 -1.81 0.00	30.76 -1.88 0.00	35.08 -2.04 0.00	34.69 -2.10 0.00	24.66 -1.96 4.47	29.94 -1.64 6.16	41.86 -2.26 2.46	51.97 -1.97 0.00	55.05 -1.37 0.00	52.34 -2.43 0.00	51.05 -2.55 0.00	51.70 -2.59 0.00	48.31 -2.03 0.00	50.88 -2.30 0.00	50.08 -2.44 0.00	47.66 -1.69 0.00	52.43 -1.89 0.00	46.52 -1.05 0.00	42.08 -1.05 0.00	38.25 -0.59 0.00	41.88 -0.92 0.00
N.BELMOR_69_KV_BK1 55787	31.83 1.58 -0.01	33.30 1.74 0.00	32.09 1.53 0.00	30.12 1.42 0.00	34.15 1.51 0.00	38.93 1.81 0.00	38.67 1.88 0.00	32.80 1.71 0.00	39.17 1.43 0.00	48.17 1.59 0.00	55.49 1.54 0.00	57.30 0.88 0.00	55.85 1.09 0.00	54.80 1.20 0.00	55.78 1.49 0.00	52.31 1.96 -0.01	55.26 2.08 -0.01	56.10 2.05 -1.53	51.14 1.79 0.00	58.88 2.06 -2.50	49.18 1.61 0.00	44.62 1.48 0.00	40.00 1.15 0.00	44.18 1.38 0.00
N.E_GEN_SANDY PD 24062	31.05 0.81 0.00	32.13 0.99 0.42	31.58 1.03 0.00	29.67 0.98 0.00	33.73 1.09 0.00	38.30 1.19 0.00	37.84 1.05 0.00	32.50 0.91 -0.50	38.01 0.71 0.44	47.42 0.84 0.00	54.70 0.75 0.00	57.00 0.58 0.00	55.56 0.80 0.00	54.41 0.81 0.00	55.20 0.91 0.00	51.19 0.85 0.00	54.09 0.92 0.00	54.67 1.17 -0.98	50.38 1.03 0.00	55.44 1.12 0.00	48.42 0.85 0.00	44.32 0.76 -0.43	39.45 0.61 0.00	43.50 0.69 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.18 0.93 0.00	32.61 1.05 0.00	31.46 0.90 0.00	29.54 0.84 0.00	33.56 0.92 0.00	38.24 1.13 0.00	37.86 1.07 0.00	32.06 0.97 0.00	38.65 0.91 0.00	47.65 1.07 0.00	54.84 0.89 0.00	57.03 0.60 0.00	55.71 0.95 0.00	54.71 1.11 0.00	55.61 1.32 0.00	51.59 1.26 0.00	54.55 1.38 0.00	53.89 1.37 0.00	50.59 1.24 0.00	55.78 1.47 0.00	48.61 1.04 0.00	44.03 0.89 0.00	39.58 0.74 0.00	43.61 0.80 0.00
N.QUEENS_27_KV_LOAD 356247	31.41 1.16 -0.01	32.90 1.34 -0.01	31.72 1.15 -0.01	29.77 1.07 -0.01	33.77 1.13 0.00	38.47 1.35 -0.01	38.13 1.34 -0.01	32.29 1.20 -0.01	38.95 1.20 0.00	48.03 1.45 0.00	55.19 1.24 0.00	57.30 0.88 0.00	55.99 1.23 0.00	54.92 1.32 0.00	55.82 1.53 0.00	51.82 1.49 0.00	54.82 1.65 0.00	54.20 1.62 -0.06	50.84 1.49 0.01	56.04 1.74 0.01	48.77 1.21 0.01	44.22 1.08 0.00	39.74 0.91 0.01	43.72 0.92 0.00
N.TROY___115KV_TB1 355778	31.00 0.76 0.00	32.44 0.88 0.00	31.50 0.94 0.00	29.61 0.91 0.00	33.65 1.01 0.00	38.19 1.08 0.00	37.76 0.97 0.00	31.91 0.82 0.00	38.44 0.70 0.00	47.43 0.86 0.00	54.79 0.84 0.00	57.20 0.78 0.00	55.67 0.91 0.00	54.50 0.91 0.00	55.26 0.97 0.00	51.25 0.91 0.00	54.14 0.97 0.00	53.74 1.22 0.00	50.44 1.09 0.00	55.49 1.17 0.00	48.50 0.93 0.00	43.99 0.85 0.00	39.54 0.70 0.00	43.58 0.78 0.00
NARROWS_GT1_1 24228	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_2 24229	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_3 24230	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_4 24231	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59

NARROWS_GT1_5 24232	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_6 24233	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_7 24234	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT1_8 24235	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_1 24236	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_2 24237	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_3 24238	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_4 24239	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_5 24240	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_6 24241	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_7 24242	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NARROWS_GT2_8 24243	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.31 1.07 0.00	32.69 1.13 0.00	31.72 1.16 0.00	29.85 1.15 0.00	33.89 1.25 0.00	38.51 1.40 0.00	38.11 1.32 0.00	32.17 1.08 0.00	38.79 1.05 0.00	47.91 1.33 0.00	55.28 1.33 0.00	57.83 1.41 0.00	56.37 1.60 0.00	55.25 1.66 0.00	55.90 1.62 0.00	51.97 1.63 0.00	54.94 1.77 0.00	54.49 1.97 0.00	51.19 1.84 0.00	56.35 2.03 0.00	49.22 1.65 0.00	44.58 1.44 0.00	40.06 1.22 0.00	44.04 1.24 0.00
NCHELSEA_115KV_TR2 355582	31.44 1.20 0.00	32.88 1.32 0.00	31.76 1.20 0.00	29.81 1.12 0.00	33.88 1.24 0.00	38.57 1.45 0.00	38.20 1.41 0.00	32.36 1.27 0.00	38.97 1.23 0.00	48.03 1.45 0.00	55.28 1.33 0.00	57.52 1.10 0.00	56.14 1.38 0.00	55.12 1.52 0.00	56.01 1.72 0.00	51.95 1.62 0.00	55.01 1.84 0.00	54.44 1.92 0.00	51.15 1.80 0.00	56.40 2.09 0.00	49.20 1.63 0.00	44.56 1.42 0.00	40.01 1.17 0.00	44.04 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	31.51 1.27 0.00	32.94 1.39 0.00	31.95 1.39 0.00	30.02 1.32 0.00	34.17 1.52 0.00	38.77 1.66 0.00	38.38 1.59 0.00	32.47 1.38 0.00	39.22 1.47 0.00	48.43 1.85 0.00	55.97 2.02 0.00	58.48 2.06 0.00	56.88 2.12 0.00	55.70 2.10 0.00	56.46 2.17 0.00	52.36 2.03 0.00	55.36 2.19 0.00	54.92 2.40 0.00	51.59 2.24 0.00	56.79 2.48 0.00	49.61 2.04 0.00	44.94 1.80 0.00	40.37 1.52 0.00	44.44 1.64 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.74 -1.50 0.00	29.78 -1.63 0.16	28.59 -1.54 0.43	27.20 -1.50 0.00	31.04 -1.61 0.00	35.37 -1.75 0.00	35.08 -1.71 0.00	29.65 -1.44 0.00	36.43 -1.31 0.00	44.80 -1.78 0.00	52.17 -1.78 0.00	54.93 -1.50 0.00	52.81 -1.95 0.00	51.58 -2.02 0.00	52.20 -2.09 0.00	48.54 -1.79 0.00	51.22 -1.95 0.00	50.45 -2.07 0.00	47.75 -1.60 0.00	52.59 -1.73 0.00	46.30 -1.27 0.00	41.87 -1.26 0.00	37.83 -1.01 0.00	41.55 -1.26 0.00
NEG CENTRAL___DRP 24199	30.20 -0.67 -0.63	32.78 -0.75 -1.97	29.97 -0.73 -0.14	27.98 -0.72 0.00	31.88 -0.76 0.00	36.33 -0.78 0.00	36.06 -0.73 0.00	32.50 -0.55 -1.96	39.90 -0.54 -2.71	46.92 -0.74 -1.08	53.35 -0.60 0.00	55.96 -0.46 0.00	54.16 -0.61 0.00	52.95 -0.64 0.00	53.57 -0.72 0.00	49.78 -0.55 0.00	52.68 -0.50 0.00	51.99 -0.53 0.00	49.16 -0.19 0.00	54.14 -0.17 0.00	47.57 0.00 0.00	43.07 -0.07 0.00	38.79 -0.05 0.00	42.63 -0.18 0.00
NEG CENTRAL___INDECK 23768	35.80 -1.21 -6.77	53.33 -1.47 -23.24	36.39 -1.42 -7.25	27.33 -1.37 0.00	31.20 -1.44 0.00	35.65 -1.47 0.00	35.43 -1.36 0.00	51.06 -1.13 -21.10	65.81 -1.00 -29.07	56.78 -1.40 -11.59	52.92 -1.03 0.00	56.16 -0.26 0.00	53.62 -1.14 0.00	52.68 -0.92 0.00	53.24 -1.04 0.00	49.41 -0.92 0.00	52.36 -0.81 0.00	51.73 -0.79 0.00	49.40 0.05 0.00	54.71 0.39 0.00	48.39 0.82 0.00	43.72 0.58 0.00	39.50 0.66 0.00	43.15 0.34 0.00
NEG CENTRAL___SENECA 23627	30.40 -0.85 -1.00	33.64 -0.99 -3.06	29.61 -0.96 -0.01	27.75 -0.95 0.00	31.65 -0.99 0.00	36.09 -1.03 0.00	35.85 -0.94 0.00	33.51 -0.71 -3.13	41.33 -0.72 -4.31	47.31 -0.98 -1.72	53.17 -0.78 0.00	55.80 -0.62 0.00	53.94 -0.82 0.00	52.76 -0.84 0.00	53.36 -0.92 0.00	49.66 -0.68 0.00	52.56 -0.61 0.00	51.93 -0.60 0.00	49.19 -0.16 0.00	54.20 -0.11 0.00	47.67 0.10 0.00	43.15 0.01 0.00	38.89 0.05 0.00	42.64 -0.17 0.00
NEG CENTRAL___STATE_STREET 24147	29.97 -0.27 0.00	31.45 -0.24 -0.14	30.71 -0.23 -0.38	28.44 -0.26 0.00	32.40 -0.25 0.00	36.93 -0.19 0.00	36.54 -0.25 0.00	30.92 -0.16 0.00	37.74 0.00 0.00	46.52 -0.06 0.00	53.99 0.04 0.00	56.57 0.16 0.00	54.81 0.05 0.00	53.59 0.00 0.00	54.25 -0.04 0.00	50.30 -0.03 0.00	53.27 0.10 0.00	52.51 -0.01 0.00	49.53 0.19 0.00	54.55 0.24 0.00	47.83 0.26 0.00	43.33 0.19 0.00	38.91 0.07 0.00	42.92 0.11 0.00
NEG MILLWOOD___DRP 24198	31.50 1.26 0.00	32.97 1.40 0.00	31.83 1.27 0.00	29.87 1.17 0.00	33.94 1.30 0.00	38.63 1.52 0.00	38.27 1.49 0.00	32.43 1.34 0.00	39.06 1.32 0.00	48.14 1.56 0.00	55.43 1.48 0.00	57.62 1.20 0.00	56.23 1.47 0.00	55.21 1.61 0.00	56.11 1.82 0.00	52.08 1.74 0.00	55.12 1.95 0.00	54.54 2.02 0.00	51.25 1.90 0.00	56.51 2.20 0.00	49.27 1.70 0.00	44.62 1.48 0.00	40.07 1.22 0.00	44.10 1.30 0.00
NEG NORTH_FLCN_SEA 23793	30.66 0.42 0.00	31.85 0.29 0.00	30.63 0.07 0.00	28.64 -0.05 0.00	32.59 -0.06 0.00	36.96 -0.16 0.00	36.84 0.05 0.00	30.93 -0.16 0.00	37.88 0.14 0.00	47.01 0.43 0.00	55.06 1.11 0.00	57.78 1.36 0.00	56.34 1.58 0.00	55.05 1.45 0.00	55.66 1.37 0.00	51.57 1.24 0.00	54.50 1.33 0.00	54.20 1.68 0.00	50.94 1.59 0.00	56.02 1.71 0.00	49.05 1.48 0.00	44.31 1.17 0.00	39.68 0.84 0.00	43.59 0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	30.42 0.18 0.00	31.60 0.04 0.00	30.38 -0.18 0.00	28.42 -0.28 0.00	32.33 -0.31 0.00	36.71 -0.41 0.00	36.57 -0.21 0.00	30.72 -0.37 0.00	37.71 -0.03 0.00	46.79 0.21 0.00	54.82 0.87 0.00	57.57 1.15 0.00	56.01 1.25 0.00	54.75 1.15 0.00	55.41 1.12 0.00	51.36 1.02 0.00	54.25 1.08 0.00	53.84 1.32 0.00	50.54 1.19 0.00	55.58 1.27 0.00	48.69 1.12 0.00	43.97 0.83 0.00	39.38 0.54 0.00	43.24 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	30.93 0.69 0.00	32.13 0.56 0.00	30.90 0.34 0.00	28.89 0.19 0.00	32.89 0.25 0.00	37.32 0.20 0.00	37.22 0.43 0.00	31.28 0.19 0.00	38.33 0.59 0.00	47.62 1.04 0.00	55.78 1.83 0.00	58.45 2.03 0.00	56.96 2.20 0.00	55.58 1.98 0.00	56.19 1.90 0.00	52.09 1.76 0.00	55.02 1.85 0.00	54.77 2.25 0.00	51.51 2.16 0.00	56.66 2.34 0.00	49.64 2.07 0.00	44.83 1.69 0.00	40.11 1.27 0.00	44.04 1.23 0.00
NEG NORTH___LWR_SARANAC 23913	30.93 0.69 0.00	32.13 0.56 0.00	30.90 0.34 0.00	28.89 0.19 0.00	32.89 0.25 0.00	37.32 0.20 0.00	37.22 0.43 0.00	31.28 0.19 0.00	38.33 0.59 0.00	47.62 1.04 0.00	55.78 1.83 0.00	58.45 2.03 0.00	56.96 2.20 0.00	55.58 1.98 0.00	56.19 1.90 0.00	52.09 1.76 0.00	55.02 1.85 0.00	54.77 2.25 0.00	51.51 2.16 0.00	56.66 2.34 0.00	49.64 2.07 0.00	44.83 1.69 0.00	40.11 1.27 0.00	44.04 1.23 0.00
NEG NORTH___PLATTSBURG 23628	30.93 0.69 0.00	32.13 0.56 0.00	30.90 0.34 0.00	28.89 0.19 0.00	32.89 0.25 0.00	37.32 0.20 0.00	37.22 0.43 0.00	31.28 0.19 0.00	38.33 0.59 0.00	47.62 1.04 0.00	55.78 1.83 0.00	58.45 2.03 0.00	56.96 2.20 0.00	55.58 1.98 0.00	56.19 1.90 0.00	52.09 1.76 0.00	55.02 1.85 0.00	54.77 2.25 0.00	51.51 2.16 0.00	56.66 2.34 0.00	49.64 2.07 0.00	44.82 1.68 0.00	40.11 1.27 0.00	44.03 1.23 0.00
NEG WEST_LEA_LOCKPORT 23791	25.77 -2.49 1.98	21.42 -2.87 7.28	24.49 -2.59 3.48	26.23 -2.47 0.00	30.01 -2.63 0.00	34.22 -2.90 0.00	33.79 -3.00 0.00	22.14 -2.78 6.17	26.62 -2.63 8.49	39.64 -3.55 3.39	50.56 -3.39 0.00	53.67 -2.75 0.00	50.97 -3.79 0.00	49.78 -3.81 0.00	50.36 -3.93 0.00	47.03 -3.30 0.00	49.49 -3.68 0.00	48.69 -3.83 0.00	46.39 -2.96 0.00	51.04 -3.28 0.00	45.35 -2.22 0.00	41.08 -2.06 0.00	37.43 -1.42 0.00	41.02 -1.79 0.00
NEG WEST___LANCASTR 23811	27.25 -2.08 0.91	25.53 -2.44 3.60	26.10 -2.18 2.28	26.67 -2.02 0.00	30.48 -2.16 0.00	34.70 -2.41 0.00	34.45 -2.34 0.00	26.05 -2.20 2.84	31.71 -2.12 3.91	42.27 -2.75 1.56	51.45 -2.50 0.00	54.49 -1.92 0.00	52.02 -2.74 0.00	50.74 -2.86 0.00	51.27 -3.02 0.00	47.77 -2.56 0.00	50.43 -2.74 0.00	49.54 -2.98 0.00	47.18 -2.17 0.00	52.03 -2.28 0.00	46.05 -1.52 0.00	41.68 -1.46 0.00	37.85 -0.99 0.00	41.46 -1.35 0.00
NEG_PENN_ALLEGHNY 23528	29.68 -0.56 0.00	30.73 -0.64 0.19	29.41 -0.63 0.51	28.08 -0.62 0.00	31.97 -0.68 0.00	36.38 -0.73 0.00	36.13 -0.65 0.00	30.61 -0.48 0.00	37.17 -0.58 0.00	45.82 -0.75 0.00	53.16 -0.79 0.00	55.73 -0.69 0.00	54.03 -0.73 0.00	52.83 -0.77 0.00	53.43 -0.86 0.00	49.56 -0.78 0.00	52.53 -0.64 0.00	51.78 -0.74 0.00	48.93 -0.42 0.00	53.98 -0.34 0.00	47.31 -0.25 0.00	42.87 -0.27 0.00	38.63 -0.21 0.00	42.45 -0.36 0.00
NEG___GEN_MONROE 24207	28.76 -1.14 0.33	28.84 -1.32 1.40	28.30 -1.20 1.05	27.52 -1.18 0.00	31.43 -1.21 0.00	35.82 -1.30 0.00	35.51 -1.28 0.00	28.92 -1.13 1.04	35.49 -0.81 1.44	44.82 -1.19 0.57	53.01 -0.94 0.00	55.90 -0.52 0.00	53.52 -1.24 0.00	52.23 -1.37 0.00	52.86 -1.43 0.00	49.29 -1.05 0.00	51.98 -1.20 0.00	51.17 -1.35 0.00	48.53 -0.82 0.00	53.45 -0.86 0.00	47.18 -0.39 0.00	42.68 -0.46 0.00	38.61 -0.23 0.00	42.36 -0.45 0.00

NEPA__ENERGY 23901	27.00 -2.35 0.89	25.29 -2.75 3.51	25.73 -2.56 2.27	26.28 -2.41 0.00	30.05 -2.59 0.00	34.21 -2.91 0.00	34.04 -2.75 0.00	25.92 -2.40 2.76	31.41 -2.54 3.80	41.81 -3.26 1.52	51.01 -2.93 0.00	54.11 -2.32 0.00	52.07 -2.70 0.00	50.28 -3.32 0.00	50.89 -3.40 0.00	47.36 -2.97 0.00	50.37 -2.80 0.00	49.50 -3.03 0.00	47.18 -2.17 0.00	52.27 -2.04 0.00	46.22 -1.35 0.00	41.88 -1.26 0.00	37.85 -0.99 0.00	41.34 -1.47 0.00
NEVERSink__HYD 23608	31.35 1.11 0.00	32.78 1.21 0.00	31.63 1.08 0.00	29.70 1.00 0.00	33.77 1.13 0.00	38.45 1.33 0.00	38.10 1.31 0.00	32.27 1.18 0.00	38.93 1.19 0.00	47.96 1.38 0.00	55.01 1.06 0.00	57.25 0.83 0.00	55.94 1.18 0.00	54.99 1.39 0.00	55.93 1.64 0.00	51.85 1.52 0.00	54.91 1.74 0.00	54.32 1.80 0.00	51.14 1.79 0.00	56.40 2.09 0.00	49.19 1.63 0.00	44.55 1.41 0.00	40.01 1.17 0.00	44.03 1.23 0.00
NEWKRMKL_115KV_TB1 55635	30.72 0.48 0.00	32.10 0.54 0.00	31.15 0.59 0.00	29.31 0.61 0.00	33.24 0.60 0.00	37.77 0.66 0.00	37.32 0.53 0.00	31.45 0.36 0.00	37.84 0.10 0.00	46.68 0.10 0.00	53.88 -0.06 0.00	56.24 -0.18 0.00	54.78 0.02 0.00	53.67 0.07 0.00	54.41 0.13 0.00	50.50 0.16 0.00	53.35 0.17 0.00	52.87 0.35 0.00	49.63 0.28 0.00	54.60 0.29 0.00	47.72 0.15 0.00	43.27 0.13 0.00	38.96 0.12 0.00	42.90 0.09 0.00
NEWTON__FALLS_HYD 23847	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.15 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.80 0.00	57.21 0.79 0.00	55.38 0.62 0.00	54.06 0.47 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.91 0.56 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.13 0.29 0.00	43.02 0.22 0.00
NGRID_A1_DSASP 323792	25.98 -2.71 1.56	22.87 -2.90 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.26 0.00	33.52 -3.27 0.00	23.24 -3.00 4.85	28.22 -2.84 6.69	40.10 -3.81 2.67	50.10 -3.85 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.21 -4.39 0.00	49.77 -4.52 0.00	46.48 -3.85 0.00	48.91 -4.27 0.00	48.05 -4.47 0.00	45.76 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.77 -2.03 0.00
NGRID_A2_DSASP 323793	25.98 -2.71 1.56	22.87 -2.90 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.26 0.00	33.52 -3.27 0.00	23.24 -3.00 4.85	28.22 -2.84 6.69	40.10 -3.81 2.67	50.10 -3.85 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.21 -4.39 0.00	49.77 -4.52 0.00	46.48 -3.85 0.00	48.91 -4.27 0.00	48.05 -4.47 0.00	45.76 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.77 -2.03 0.00
NGRID_A4_DSASP 323807	25.98 -2.71 1.56	22.87 -2.90 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.26 0.00	33.52 -3.27 0.00	23.24 -3.00 4.85	28.22 -2.84 6.69	40.10 -3.81 2.67	50.10 -3.85 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.21 -4.39 0.00	49.77 -4.52 0.00	46.48 -3.85 0.00	48.91 -4.27 0.00	48.05 -4.47 0.00	45.76 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.77 -2.03 0.00
NIAGARA_115E_LBMP 323715	25.92 -2.76 1.55	22.55 -3.23 5.79	24.77 -2.86 2.92	26.00 -2.70 0.00	29.75 -2.89 0.00	33.87 -3.24 0.00	33.40 -3.39 0.00	23.08 -3.17 4.84	28.01 -3.07 6.67	39.86 -4.06 2.66	49.85 -4.10 0.00	52.89 -3.53 0.00	50.22 -4.55 0.00	48.98 -4.62 0.00	49.55 -4.74 0.00	46.31 -4.02 0.00	48.72 -4.45 0.00	47.87 -4.65 0.00	45.63 -3.72 0.00	50.15 -4.16 0.00	44.61 -2.96 0.00	40.45 -2.69 0.00	36.90 -1.94 0.00	40.44 -2.36 0.00
NIAGARA_115W_LBMP 323714	25.89 -2.78 1.57	22.76 -2.97 5.83	24.78 -2.84 2.94	25.91 -2.79 0.00	29.65 -3.00 0.00	33.75 -3.36 0.00	33.41 -3.38 0.00	23.11 -3.09 4.88	28.06 -2.95 6.72	39.94 -3.95 2.68	49.93 -4.02 0.00	52.98 -3.44 0.00	50.29 -4.48 0.00	49.05 -4.55 0.00	49.61 -4.68 0.00	46.33 -4.00 0.00	48.74 -4.43 0.00	47.90 -4.62 0.00	45.62 -3.73 0.00	50.18 -4.14 0.00	44.62 -2.95 0.00	40.45 -2.70 0.00	37.05 -1.79 0.00	40.67 -2.13 0.00
NIAGARA_230_LBMP 323716	26.05 -2.57 1.62	22.73 -2.81 6.02	24.96 -2.61 2.99	26.18 -2.52 0.00	29.93 -2.71 0.00	34.09 -3.03 0.00	33.71 -3.08 0.00	23.25 -2.78 5.06	28.18 -2.60 6.97	40.26 -3.55 2.78	50.40 -3.55 0.00	53.46 -2.96 0.00	50.80 -3.96 0.00	49.56 -4.03 0.00	50.13 -4.16 0.00	46.79 -3.55 0.00	49.24 -3.93 0.00	48.38 -4.14 0.00	46.07 -3.28 0.00	50.68 -3.63 0.00	45.03 -2.53 0.00	40.77 -2.37 0.00	37.15 -1.69 0.00	40.77 -2.04 0.00
NIAGARA__115KV_198_GIBSON 55903	25.89 -2.79 1.57	22.74 -2.99 5.83	24.79 -2.84 2.94	25.91 -2.79 0.00	29.65 -2.99 0.00	33.75 -3.36 0.00	33.42 -3.37 0.00	23.08 -3.12 4.88	28.02 -2.99 6.72	39.88 -4.01 2.68	49.94 -4.01 0.00	52.98 -3.44 0.00	50.28 -4.48 0.00	49.06 -4.54 0.00	49.61 -4.68 0.00	46.34 -3.99 0.00	48.74 -4.43 0.00	47.90 -4.63 0.00	45.62 -3.73 0.00	50.17 -4.14 0.00	44.62 -2.94 0.00	40.44 -2.70 0.00	37.04 -1.80 0.00	40.67 -2.14 0.00
NIAGARA____ 23760	26.12 -2.57 1.56	22.95 -2.81 5.80	25.04 -2.61 2.92	26.18 -2.52 0.00	29.93 -2.71 0.00	34.09 -3.03 0.00	33.71 -3.08 0.00	23.37 -2.78 4.94	28.35 -2.60 6.79	40.32 -3.55 2.72	50.40 -3.55 0.00	53.46 -2.96 0.00	50.80 -3.96 0.00	49.56 -4.03 0.00	50.13 -4.16 0.00	46.79 -3.55 0.00	49.24 -3.93 0.00	48.38 -4.14 0.00	46.07 -3.28 0.00	50.68 -3.63 0.00	45.03 -2.53 0.00	40.77 -2.37 0.00	37.15 -1.69 0.00	40.77 -2.04 0.00
NINE_MILE_1 23575	29.40 -0.84 0.00	30.68 -0.88 0.00	29.72 -0.84 0.00	27.90 -0.80 0.00	31.74 -0.90 0.00	36.10 -1.02 0.00	35.79 -1.00 0.00	30.28 -0.81 0.00	36.80 -0.94 0.00	45.36 -1.22 0.00	52.59 -1.36 0.00	55.07 -1.35 0.00	53.37 -1.39 0.00	52.22 -1.38 0.00	52.83 -1.45 0.00	48.93 -1.40 0.00	51.66 -1.51 0.00	50.90 -1.62 0.00	47.93 -1.42 0.00	52.75 -1.56 0.00	46.26 -1.31 0.00	41.92 -1.22 0.00	37.77 -1.07 0.00	41.71 -1.10 0.00
NINE_MILE_2 23744	29.40 -0.84 0.00	30.68 -0.88 0.00	29.72 -0.84 0.00	27.90 -0.80 0.00	31.74 -0.90 0.00	36.10 -1.02 0.00	35.79 -1.00 0.00	30.28 -0.81 0.00	36.80 -0.94 0.00	45.36 -1.22 0.00	52.59 -1.36 0.00	55.07 -1.35 0.00	53.37 -1.39 0.00	52.22 -1.38 0.00	52.83 -1.45 0.00	48.93 -1.40 0.00	51.66 -1.51 0.00	50.90 -1.62 0.00	47.93 -1.42 0.00	52.75 -1.56 0.00	46.26 -1.31 0.00	41.92 -1.22 0.00	37.77 -1.07 0.00	41.71 -1.10 0.00
NM_CAPITAL__DRP 24208	30.73 0.49 0.00	32.13 0.57 0.00	31.19 0.63 0.00	29.33 0.64 0.00	33.30 0.65 0.00	37.82 0.70 0.00	37.36 0.57 0.00	31.49 0.40 0.00	37.88 0.13 0.00	46.73 0.15 0.00	53.94 -0.01 0.00	56.30 -0.12 0.00	54.84 0.08 0.00	53.72 0.12 0.00	54.46 0.17 0.00	50.53 0.20 0.00	53.39 0.22 0.00	52.93 0.40 0.00	49.68 0.33 0.00	54.66 0.34 0.00	47.76 0.19 0.00	43.32 0.18 0.00	39.02 0.18 0.00	42.98 0.18 0.00

NM_CENTRAL___DRP 24181	29.84 -0.40 0.00	31.13 -0.43 0.00	30.15 -0.41 0.00	28.29 -0.41 0.00	32.20 -0.44 0.00	36.64 -0.47 0.00	36.35 -0.44 0.00	30.78 -0.31 0.00	37.42 -0.32 0.00	46.12 -0.46 0.00	53.49 -0.46 0.00	56.05 -0.37 0.00	54.31 -0.45 0.00	53.12 -0.48 0.00	53.77 -0.52 0.00	49.83 -0.50 0.00	52.64 -0.53 0.00	51.89 -0.63 0.00	48.91 -0.44 0.00	53.86 -0.46 0.00	47.22 -0.35 0.00	42.76 -0.38 0.00	38.53 -0.31 0.00	42.47 -0.33 0.00
NM_FRONTIER___DRP 24179	25.89 -2.79 1.57	22.74 -2.99 5.83	24.79 -2.84 2.94	25.91 -2.79 0.00	29.65 -2.99 0.00	33.75 -3.36 0.00	33.42 -3.37 0.00	23.08 -3.12 4.88	28.02 -2.99 6.72	39.88 -4.01 2.68	49.94 -4.01 0.00	52.98 -3.44 0.00	50.28 -4.48 0.00	49.06 -4.54 0.00	49.61 -4.68 0.00	46.34 -3.99 0.00	48.74 -4.43 0.00	47.90 -4.63 0.00	45.62 -3.73 0.00	50.17 -4.14 0.00	44.62 -2.94 0.00	40.44 -2.70 0.00	37.04 -1.80 0.00	40.67 -2.14 0.00
NM_ST_REGIS___HYD 24053	30.24 0.00 0.00	31.45 -0.11 0.00	30.38 -0.17 0.00	28.51 -0.19 0.00	32.43 -0.21 0.00	36.88 -0.23 0.00	36.71 -0.08 0.00	30.89 -0.19 0.00	37.83 0.09 0.00	46.99 0.41 0.00	54.69 0.74 0.00	57.29 0.87 0.00	55.48 0.72 0.00	54.14 0.54 0.00	54.82 0.54 0.00	50.85 0.52 0.00	53.68 0.51 0.00	53.18 0.66 0.00	49.98 0.63 0.00	54.96 0.64 0.00	48.23 0.66 0.00	43.69 0.55 0.00	39.24 0.40 0.00	43.15 0.34 0.00
NORTHPORT___1 23551	31.61 1.37 0.00	33.12 1.57 0.00	31.92 1.36 0.00	29.97 1.27 0.00	33.91 1.27 0.00	38.72 1.60 0.00	38.50 1.71 0.00	32.62 1.53 0.00	38.83 1.09 0.00	47.67 1.09 0.00	54.93 0.98 0.00	56.53 0.11 0.00	55.16 0.40 0.00	54.03 0.43 0.00	54.90 0.62 0.00	51.70 1.37 0.01	54.64 1.47 0.01	54.17 1.54 -0.10	50.64 1.29 0.00	56.26 1.61 -0.34	48.57 1.00 0.00	44.19 1.06 0.00	39.55 0.71 0.00	43.89 1.09 0.00
NORTHPORT___2 23552	31.61 1.37 0.00	33.12 1.57 0.00	31.92 1.36 0.00	29.97 1.27 0.00	33.91 1.27 0.00	38.72 1.60 0.00	38.50 1.71 0.00	32.62 1.53 0.00	38.83 1.09 0.00	47.67 1.09 0.00	54.93 0.98 0.00	56.53 0.11 0.00	55.16 0.40 0.00	54.03 0.43 0.00	54.90 0.62 0.00	51.70 1.37 0.01	54.64 1.47 0.01	54.17 1.54 -0.10	50.64 1.29 0.00	56.26 1.61 -0.34	48.57 1.00 0.00	44.19 1.06 0.00	39.55 0.71 0.00	43.89 1.09 0.00
NORTHPORT___3 23553	31.57 1.33 0.00	33.07 1.50 0.00	31.88 1.32 0.00	29.92 1.22 0.00	33.89 1.25 0.00	38.65 1.54 0.00	38.43 1.64 0.00	32.59 1.50 0.00	38.85 1.12 0.00	47.70 1.12 0.00	54.97 1.02 0.00	56.68 0.25 0.00	55.25 0.49 0.00	54.15 0.56 0.00	55.07 0.78 0.00	51.73 1.40 0.00	54.71 1.54 0.00	54.22 1.57 -0.12	50.69 1.35 0.00	56.36 1.67 -0.38	48.66 1.10 0.00	44.22 1.08 0.00	39.59 0.75 0.00	43.86 1.06 0.00
NORTHPORT___4 23650	31.57 1.33 0.00	33.07 1.50 0.00	31.88 1.32 0.00	29.92 1.22 0.00	33.89 1.25 0.00	38.65 1.54 0.00	38.43 1.64 0.00	32.59 1.50 0.00	38.85 1.12 0.00	47.70 1.12 0.00	54.97 1.02 0.00	56.68 0.25 0.00	55.25 0.49 0.00	54.15 0.56 0.00	55.07 0.78 0.00	51.73 1.40 0.00	54.71 1.54 0.00	54.22 1.57 -0.12	50.69 1.35 0.00	56.36 1.67 -0.38	48.66 1.10 0.00	44.22 1.08 0.00	39.59 0.75 0.00	43.86 1.06 0.00
NORTHPORT___IC 23718	31.61 1.37 0.00	33.13 1.57 0.00	31.92 1.36 0.00	29.97 1.27 0.00	33.91 1.27 0.00	38.72 1.60 0.00	38.50 1.71 0.00	32.62 1.54 0.00	38.84 1.10 0.00	47.67 1.09 0.00	54.93 0.98 0.00	56.51 0.09 0.00	55.16 0.40 0.00	54.01 0.42 0.00	54.91 0.63 0.00	51.69 1.36 0.01	54.63 1.46 0.01	54.16 1.54 -0.10	50.64 1.29 0.00	56.27 1.61 -0.34	48.57 1.00 0.00	44.20 1.06 0.00	39.55 0.71 0.00	43.89 1.08 0.00
NORTH___COUNTRY_ESR 323785	30.42 0.18 0.00	31.60 0.04 0.00	30.38 -0.18 0.00	28.42 -0.28 0.00	32.33 -0.31 0.00	36.71 -0.41 0.00	36.57 -0.21 0.00	30.72 -0.37 0.00	37.71 -0.03 0.00	46.79 0.21 0.00	54.81 0.87 0.00	57.57 1.15 0.00	56.01 1.25 0.00	54.75 1.15 0.00	55.41 1.12 0.00	51.36 1.02 0.00	54.25 1.08 0.00	53.84 1.32 0.00	50.54 1.19 0.00	55.58 1.27 0.00	48.69 1.12 0.00	43.97 0.83 0.00	39.38 0.54 0.00	43.24 0.43 0.00
NPX_GEN_1385_PROXY 323591	31.61 1.37 0.00	33.12 1.57 0.00	31.92 1.36 0.00	29.97 1.27 0.00	33.85 1.21 0.00	38.72 1.60 0.00	38.58 1.80 0.00	32.60 1.51 0.00	38.83 1.09 0.00	47.66 1.08 0.00	54.92 0.97 0.00	56.41 -0.01 0.00	55.31 0.55 0.00	53.92 0.32 0.00	54.79 0.50 0.00	51.60 1.27 0.01	54.90 1.73 0.01	54.18 1.56 -0.10	50.92 1.57 0.00	56.24 1.58 -0.34	48.04 0.48 0.00	44.18 1.04 0.00	39.34 0.49 0.00	43.78 0.97 0.00
NPX_GEN_CSC 323557	31.25 1.01 0.00	32.96 1.40 0.00	31.75 1.19 0.00	29.86 1.16 0.00	33.70 1.06 0.00	38.68 1.56 0.00	38.74 1.95 0.00	32.86 1.78 0.00	38.85 1.11 0.00	47.36 0.78 0.00	54.45 0.51 0.00	55.48 -0.94 0.00	54.09 -0.68 0.00	52.72 -0.88 0.00	54.02 -0.26 0.00	51.02 0.69 0.00	54.13 0.96 0.00	54.22 1.56 -0.15	50.43 1.08 0.00	56.48 1.76 -0.41	48.72 1.16 0.00	44.36 1.22 0.00	39.35 0.51 0.00	43.87 1.07 0.00
NSINS_S___GLNS_FALLS 23858	31.96 1.72 0.00	33.36 1.80 0.00	32.38 1.82 0.00	30.40 1.70 0.00	34.58 1.94 0.00	39.16 2.04 0.00	38.81 2.02 0.00	32.85 1.77 0.00	39.74 2.00 0.00	49.10 2.52 0.00	56.73 2.78 0.00	59.30 2.88 0.00	57.67 2.90 0.00	56.49 2.89 0.00	57.29 3.00 0.00	53.13 2.80 0.00	56.24 3.07 0.00	55.98 3.46 0.00	52.61 3.26 0.00	57.86 3.55 0.00	50.54 2.97 0.00	45.71 2.57 0.00	40.99 2.14 0.00	45.11 2.30 0.00
NUCOR_STEEL___DRP 24197	29.98 -0.26 0.00	31.50 -0.22 -0.16	30.79 -0.20 -0.44	28.47 -0.23 0.00	32.42 -0.22 0.00	36.95 -0.16 0.00	36.54 -0.25 0.00	30.92 -0.16 0.00	37.76 0.02 0.00	46.53 -0.04 0.00	53.99 0.04 0.00	56.58 0.16 0.00	54.82 0.05 0.00	53.59 0.00 0.00	54.26 -0.03 0.00	50.30 -0.03 0.00	53.26 0.09 0.00	52.50 -0.02 0.00	49.50 0.15 0.00	54.50 0.18 0.00	47.78 0.21 0.00	43.30 0.16 0.00	38.87 0.03 0.00	42.90 0.09 0.00
NUMBER_THREE_WT_PWR 323818	30.54 0.30 0.00	31.92 0.35 0.00	30.99 0.43 0.00	29.04 0.35 0.00	33.18 0.54 0.00	37.90 0.79 0.00	37.59 0.80 0.00	31.86 0.77 0.00	38.70 0.97 0.00	48.04 1.46 0.00	55.72 1.77 0.00	58.21 1.79 0.00	56.42 1.66 0.00	55.14 1.54 0.00	55.97 1.68 0.00	51.84 1.51 0.00	54.73 1.57 0.00	54.11 1.58 0.00	50.97 1.62 0.00	56.11 1.79 0.00	49.10 1.54 0.00	44.41 1.27 0.00	39.87 1.03 0.00	43.80 0.99 0.00
NYISO_LBMP_REFERENCE 24008	30.24 0.00 0.00	31.56 0.00 0.00	30.56 0.00 0.00	28.70 0.00 0.00	32.64 0.00 0.00	37.11 0.00 0.00	36.79 0.00 0.00	31.09 0.00 0.00	37.74 0.00 0.00	46.58 0.00 0.00	53.95 0.00 0.00	56.42 0.00 0.00	54.76 0.00 0.00	53.60 0.00 0.00	54.29 0.00 0.00	50.33 0.00 0.00	53.17 0.00 0.00	52.52 0.00 0.00	49.35 0.00 0.00	54.32 0.00 0.00	47.57 0.00 0.00	43.14 0.00 0.00	38.84 0.00 0.00	42.80 0.00 0.00

NYPA_BRENTWD____GT 24164	31.85 1.61 0.00	33.38 1.82 0.00	32.16 1.60 0.00	30.20 1.50 0.00	34.16 1.52 0.00	39.03 1.91 0.00	38.86 2.07 0.00	32.95 1.87 0.00	39.24 1.49 0.00	48.07 1.49 0.00	55.40 1.45 0.00	56.87 0.45 0.00	55.48 0.72 0.00	54.30 0.71 0.00	55.36 1.08 0.00	52.20 1.88 0.00	55.22 2.05 0.00	54.93 2.18 -0.22	51.23 1.88 0.00	57.16 2.31 -0.53	49.20 1.64 0.00	44.75 1.61 0.00	40.00 1.15 0.00	44.32 1.52 0.00
NYPA_GOWANUS____GT5 24156	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NYPA_GOWANUS____GT6 24157	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.11 1.51 -17.51	50.67 1.60 -11.33	50.78 1.96 -2.24	55.75 1.80 0.00	57.90 1.48 0.00	74.62 1.86 -18.00	57.77 1.98 -2.20	58.63 2.21 -2.14	52.46 2.11 -0.01	75.48 2.32 -19.99	54.79 2.25 -0.01	58.99 2.10 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59
NYPA_HARLEM_RVR_GT1 24160	31.39 1.15 -0.01	32.88 1.31 -0.01	31.69 1.13 -0.01	29.76 1.05 -0.01	33.76 1.12 0.00	38.46 1.34 -0.01	38.12 1.32 -0.01	32.28 1.18 -0.01	38.93 1.19 0.00	47.96 1.39 0.00	55.18 1.23 0.00	57.27 0.85 0.00	55.95 1.19 0.00	54.89 1.29 0.00	55.77 1.49 0.00	51.77 1.45 0.00	54.78 1.61 0.00	54.07 1.55 0.00	50.76 1.43 0.01	55.97 1.68 0.02	48.69 1.15 0.02	44.16 1.03 0.01	39.69 0.86 0.02	43.71 0.90 0.00
NYPA_HARLEM_RVR_GT2 24161	31.39 1.15 -0.01	32.88 1.31 -0.01	31.69 1.13 -0.01	29.76 1.05 -0.01	33.76 1.12 0.00	38.46 1.34 -0.01	38.12 1.32 -0.01	32.28 1.18 -0.01	38.93 1.19 0.00	47.96 1.39 0.00	55.18 1.23 0.00	57.27 0.85 0.00	55.95 1.19 0.00	54.89 1.29 0.00	55.77 1.49 0.00	51.77 1.45 0.00	54.78 1.61 0.00	54.07 1.55 0.00	50.76 1.43 0.01	55.97 1.68 0.02	48.69 1.15 0.02	44.16 1.03 0.01	39.69 0.86 0.02	43.71 0.90 0.00
NYPA_KENT____GT 24152	43.51 1.46 -11.80	43.76 1.60 -10.60	43.21 1.40 -11.26	42.15 1.29 -12.16	43.66 1.41 -9.60	45.65 1.66 -6.87	45.52 1.63 -7.10	43.09 1.46 -10.54	46.08 1.53 -6.82	49.77 1.85 -1.35	55.65 1.70 0.00	57.80 1.38 0.00	67.33 1.73 -10.83	56.77 1.85 -1.32	57.65 2.08 -1.28	52.33 1.99 0.00	67.39 2.20 -12.03	54.67 2.14 0.00	58.30 2.00 -6.95	58.96 2.32 -2.32	58.31 1.76 -8.98	49.24 1.58 -4.52	44.16 1.33 -3.99	45.77 1.41 -1.56
NYPA_POUCH1____GT 24155	51.35 1.50 -19.61	50.81 1.64 -17.61	50.67 1.41 -18.70	50.19 1.29 -20.20	50.01 1.42 -15.95	50.20 1.66 -11.42	50.20 1.62 -11.79	50.03 1.43 -17.51	50.58 1.51 -11.33	50.66 1.84 -2.24	55.55 1.61 0.00	57.69 1.27 0.00	74.46 1.70 -18.00	57.60 1.80 -2.20	58.47 2.05 -2.14	52.28 1.94 -0.01	75.32 2.16 -19.99	54.61 2.08 -0.01	58.81 1.92 -7.54	58.65 2.22 -2.12	55.51 1.68 -6.26	52.15 1.56 -7.45	46.80 1.33 -6.63	46.79 1.39 -2.59
NYPA_VERNON____GT2 24162	35.62 1.38 -4.00	36.67 1.52 -3.59	35.71 1.34 -3.81	34.05 1.23 -4.12	37.24 1.35 -3.25	41.03 1.58 -2.33	40.76 1.56 -2.41	36.06 1.40 -3.57	41.50 1.45 -2.31	48.77 1.74 -0.46	55.56 1.61 0.00	57.69 1.27 0.00	60.03 1.60 -3.66	55.76 1.71 -0.45	56.66 1.93 -0.43	52.21 1.88 0.00	59.30 2.06 -4.07	54.54 2.02 0.00	57.59 1.89 -6.35	59.04 2.20 -2.52	58.80 1.65 -9.58	46.20 1.48 -1.59	41.43 1.24 -1.35	44.63 1.30 -0.53
NYPA_VERNON____GT3 24163	35.62 1.38 -4.00	36.67 1.52 -3.59	35.71 1.34 -3.81	34.05 1.23 -4.12	37.24 1.35 -3.25	41.03 1.58 -2.33	40.76 1.56 -2.41	36.06 1.40 -3.57	41.50 1.45 -2.31	48.77 1.74 -0.46	55.56 1.61 0.00	57.69 1.27 0.00	60.03 1.60 -3.66	55.76 1.71 -0.45	56.66 1.93 -0.43	52.21 1.88 0.00	59.30 2.06 -4.07	54.54 2.02 0.00	57.59 1.89 -6.35	59.04 2.20 -2.52	58.80 1.65 -9.58	46.20 1.48 -1.59	41.43 1.24 -1.35	44.63 1.30 -0.53
NYPA____ASTORIA_CC1 323568	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.46 1.37 -0.01	39.16 1.42 0.00	48.26 1.69 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.54 0.00	55.25 1.65 0.00	56.16 1.87 0.00	52.16 1.83 0.00	55.18 2.01 0.00	54.48 1.96 0.00	56.06 1.84 -4.87	58.57 2.14 -2.12	57.13 1.60 -7.96	44.63 1.43 -0.07	40.04 1.19 0.00	44.06 1.25 0.00
NYPA____ASTORIA_CC2 323569	31.60 1.36 -0.01	33.06 1.49 -0.01	31.87 1.31 -0.01	29.91 1.21 -0.01	33.96 1.32 0.00	38.68 1.56 -0.01	38.32 1.53 -0.01	32.46 1.37 -0.01	39.16 1.42 0.00	48.26 1.69 0.00	55.51 1.56 0.00	57.64 1.22 0.00	56.31 1.54 0.00	55.25 1.65 0.00	56.16 1.87 0.00	52.16 1.83 0.00	55.18 2.01 0.00	54.48 1.96 0.00	56.06 1.84 -4.87	58.57 2.14 -7.96	57.13 1.60 -7.96	44.63 1.43 -0.07	40.04 1.19 0.00	44.06 1.25 0.00
NYPA____HOLTSVILL 23794	31.56 1.32 0.00	33.12 1.56 0.00	31.92 1.36 0.00	29.99 1.30 0.00	33.90 1.26 0.00	38.76 1.64 0.00	38.65 1.86 0.00	32.79 1.70 0.00	38.95 1.21 0.00	47.68 1.10 0.00	54.86 0.91 0.00	56.24 -0.18 0.00	54.87 0.11 0.00	53.62 0.02 0.00	54.74 0.46 0.00	51.63 1.30 0.00	54.68 1.51 0.00	54.45 1.78 -0.14	50.79 1.45 0.00	56.64 1.91 -0.41	48.86 1.30 0.00	44.46 1.32 0.00	39.65 0.81 0.00	44.01 1.21 0.00
NYPA____HELLGATE_GT1 24158	31.39 1.15 -0.01	32.88 1.31 -0.01	31.69 1.13 -0.01	29.76 1.05 -0.01	33.76 1.12 0.00	38.46 1.34 -0.01	38.12 1.32 -0.01	32.28 1.18 -0.01	38.93 1.19 0.00	47.96 1.39 0.00	55.18 1.23 0.00	57.27 0.85 0.00	55.95 1.19 0.00	54.89 1.29 0.00	55.77 1.49 0.00	51.77 1.45 0.00	54.78 1.61 0.00	54.07 1.55 0.00	50.82 1.46 0.00	56.03 1.71 -0.01	48.77 1.20 -0.01	44.21 1.06 -0.01	39.74 0.90 0.00	43.71 0.90 0.00
NYPA____HELLGATE_GT2 24159	31.39 1.15 -0.01	32.88 1.31 -0.01	31.69 1.13 -0.01	29.76 1.05 -0.01	33.76 1.12 0.00	38.46 1.34 -0.01	38.12 1.32 -0.01	32.28 1.18 -0.01	38.93 1.19 0.00	47.96 1.39 0.00	55.18 1.23 0.00	57.27 0.85 0.00	55.95 1.19 0.00	54.89 1.29 0.00	55.77 1.49 0.00	51.77 1.45 0.00	54.78 1.61 0.00	54.07 1.55 0.00	50.82 1.46 0.00	56.03 1.71 -0.01	48.77 1.20 -0.01	44.21 1.06 -0.01	39.74 0.90 0.00	43.71 0.90 0.00
NYS_BARGE____HYD 23848	26.15 -2.43 1.65	22.62 -2.81 6.14	25.00 -2.53 3.03	26.29 -2.41 0.00	30.08 -2.56 0.00	34.28 -2.83 0.00	33.86 -2.93 0.00	23.21 -2.72 5.16	28.10 -2.54 7.11	40.34 -3.41 2.83	50.62 -3.33 0.00	53.72 -2.70 0.00	51.03 -3.74 0.00	49.80 -3.80 0.00	50.38 -3.91 0.00	47.06 -3.27 0.00	49.55 -3.62 0.00	48.73 -3.80 0.00	46.42 -2.93 0.00	51.06 -3.26 0.00	45.39 -2.17 0.00	41.10 -2.04 0.00	37.46 -1.38 0.00	41.04 -1.76 0.00

OAK ORCHARD___HYD 24046	29.02 -1.22 0.00	29.98 -1.37 0.22	28.69 -1.26 0.61	27.45 -1.25 0.00	31.33 -1.31 0.00	35.70 -1.42 0.00	35.40 -1.40 0.00	29.89 -1.20 0.00	36.81 -0.94 0.00	45.23 -1.35 0.00	52.74 -1.21 0.00	55.61 -0.81 0.00	53.32 -1.44 0.00	52.09 -1.51 0.00	52.68 -1.60 0.00	49.05 -1.28 0.00	51.72 -1.45 0.00	50.92 -1.60 0.00	48.24 -1.11 0.00	53.14 -1.18 0.00	46.89 -0.68 0.00	42.41 -0.73 0.00	38.36 -0.48 0.00	42.12 -0.69 0.00
OAKDALE___35_KV_LOAD 356122	29.67 -0.57 0.00	30.68 -0.65 0.23	29.28 -0.64 0.64	28.07 -0.63 0.00	31.96 -0.68 0.00	36.38 -0.74 0.00	36.11 -0.68 0.00	30.58 -0.51 0.00	37.14 -0.60 0.00	45.78 -0.80 0.00	53.12 -0.83 0.00	55.68 -0.74 0.00	53.98 -0.79 0.00	52.79 -0.80 0.00	53.40 -0.89 0.00	49.51 -0.82 0.00	52.47 -0.70 0.00	51.73 -0.79 0.00	48.86 -0.49 0.00	53.90 -0.42 0.00	47.25 -0.31 0.00	42.82 -0.31 0.00	38.59 -0.25 0.00	42.40 -0.41 0.00
OCC_CHEM___DRP 24175	25.97 -2.71 1.56	22.84 -2.93 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.27 0.00	33.52 -3.27 0.00	23.21 -3.03 4.85	28.18 -2.87 6.69	40.04 -3.87 2.67	50.11 -3.83 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.22 -4.38 0.00	49.76 -4.52 0.00	46.49 -3.84 0.00	48.91 -4.27 0.00	48.05 -4.48 0.00	45.77 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.76 -2.04 0.00
OH_GEN_PROXY 24063	26.28 -2.53 1.44	23.41 -2.78 5.37	25.25 -2.56 2.75	26.21 -2.49 0.00	29.97 -2.67 0.00	34.13 -2.99 0.00	33.78 -3.01 0.00	23.91 -2.70 4.48	29.05 -2.52 6.17	40.68 -3.44 2.46	50.51 -3.44 0.00	53.56 -2.86 0.00	50.93 -3.83 0.00	49.70 -3.90 0.00	50.25 -4.04 0.00	46.89 -3.44 0.00	49.36 -3.81 0.00	48.50 -4.02 0.00	46.17 -3.18 0.00	50.82 -3.50 0.00	45.12 -2.45 0.00	40.84 -2.30 0.00	37.19 -1.66 0.00	40.78 -2.02 0.00
OLIN_CORP_DRP 24177	26.00 -2.72 1.52	22.73 -3.15 5.68	24.86 -2.81 2.89	26.05 -2.65 0.00	29.81 -2.83 0.00	33.94 -3.18 0.00	33.48 -3.31 0.00	23.24 -3.11 4.74	28.21 -2.99 6.53	39.98 -3.99 2.61	50.00 -3.95 0.00	53.05 -3.37 0.00	50.37 -4.39 0.00	49.12 -4.48 0.00	49.69 -4.60 0.00	46.43 -3.90 0.00	48.84 -4.33 0.00	48.02 -4.51 0.00	45.75 -3.61 0.00	50.28 -4.03 0.00	44.72 -2.85 0.00	40.54 -2.60 0.00	36.96 -1.88 0.00	40.53 -2.28 0.00
OLIN_CORP_DSASP 323712	25.98 -2.71 1.56	22.87 -2.90 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.26 0.00	33.52 -3.27 0.00	23.24 -3.00 4.85	28.22 -2.84 6.69	40.10 -3.81 2.67	50.10 -3.85 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.21 -4.39 0.00	49.77 -4.52 0.00	46.48 -3.85 0.00	48.91 -4.27 0.00	48.05 -4.47 0.00	45.76 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.77 -2.03 0.00
ONEIDA_HERK_LFGE 323681	30.72 0.47 0.00	32.06 0.50 0.00	31.08 0.52 0.00	29.15 0.45 0.00	33.24 0.60 0.00	37.89 0.78 0.00	37.60 0.81 0.00	31.85 0.76 0.00	38.67 0.93 0.00	47.85 1.28 0.00	55.47 1.52 0.00	58.02 1.59 0.00	56.27 1.51 0.00	55.06 1.46 0.00	55.80 1.51 0.00	51.69 1.35 0.00	54.64 1.47 0.00	54.01 1.48 0.00	50.83 1.48 0.00	55.94 1.63 0.00	48.94 1.37 0.00	44.27 1.13 0.00	39.79 0.95 0.00	43.74 0.93 0.00
ONEIDA___115KV_TB4 55905	30.70 0.46 0.00	32.02 0.46 0.00	30.99 0.43 0.00	29.08 0.38 0.00	33.12 0.47 0.00	37.75 0.64 0.00	37.52 0.73 0.00	31.81 0.72 0.00	38.62 0.88 0.00	47.72 1.14 0.00	55.34 1.39 0.00	57.95 1.53 0.00	56.20 1.44 0.00	54.98 1.38 0.00	55.69 1.40 0.00	51.61 1.27 0.00	54.58 1.41 0.00	53.92 1.40 0.00	50.77 1.42 0.00	55.83 1.52 0.00	48.84 1.27 0.00	44.18 1.05 0.00	39.74 0.90 0.00	43.70 0.89 0.00
ONONDAGA_REF_OCCRA 23987	29.98 -0.26 0.00	31.38 -0.29 -0.11	30.58 -0.28 -0.31	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.51 -0.28 0.00	30.92 -0.17 0.00	37.60 -0.14 0.00	46.34 -0.24 0.00	53.75 -0.19 0.00	56.31 -0.11 0.00	54.59 -0.18 0.00	53.39 -0.21 0.00	54.05 -0.24 0.00	50.09 -0.25 0.00	52.95 -0.22 0.00	52.20 -0.33 0.00	49.21 -0.14 0.00	54.19 -0.13 0.00	47.50 -0.07 0.00	43.02 -0.12 0.00	38.75 -0.09 0.00	42.68 -0.12 0.00
ONONDAGA___COGEN 23986	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
ONTARIO___LFGE 23819	30.40 -0.85 -1.00	33.63 -0.99 -3.06	29.61 -0.96 -0.01	27.75 -0.95 0.00	31.65 -1.00 0.00	36.09 -1.03 0.00	35.85 -0.94 0.00	33.52 -0.70 -3.13	41.32 -0.72 -4.31	47.32 -0.98 -1.72	53.17 -0.78 0.00	55.80 -0.62 0.00	53.95 -0.81 0.00	52.75 -0.84 0.00	53.37 -0.92 0.00	49.66 -0.68 0.00	52.56 -0.61 0.00	51.93 -0.59 0.00	49.19 -0.16 0.00	54.19 -0.12 0.00	47.67 0.10 0.00	43.15 0.01 0.00	38.89 0.05 0.00	42.64 -0.17 0.00
ORANGEVILLE_WT_PWR 323706	16.12 -3.22 10.90	-10.90 -3.57 38.89	11.30 -3.53 15.73	25.39 -3.30 0.01	29.01 -3.63 0.00	33.41 -3.71 0.00	33.00 -3.79 0.00	-6.21 -3.31 33.99	-12.83 -3.75 46.82	23.16 -4.74 18.67	49.61 -4.34 0.00	52.85 -3.57 0.00	50.50 -4.26 0.00	49.85 -3.74 0.00	50.47 -3.82 0.00	46.71 -3.62 0.00	49.51 -3.66 0.00	49.01 -3.51 0.00	46.67 -2.68 0.00	51.56 -2.75 0.00	45.72 -1.85 0.00	41.41 -1.73 0.00	37.67 -1.17 0.00	41.21 -1.59 0.00
ORANGEVILLE___ESR 323794	16.12 -3.22 10.90	-10.90 -3.57 38.89	11.30 -3.53 15.73	25.39 -3.30 0.01	29.01 -3.63 0.00	33.41 -3.71 0.00	33.00 -3.79 0.00	-6.21 -3.31 33.99	-12.83 -3.75 46.82	23.16 -4.74 18.67	49.61 -4.34 0.00	52.85 -3.57 0.00	50.50 -4.26 0.00	49.85 -3.74 0.00	50.47 -3.82 0.00	46.71 -3.62 0.00	49.51 -3.66 0.00	49.01 -3.51 0.00	46.67 -2.68 0.00	51.56 -2.75 0.00	45.72 -1.85 0.00	41.41 -1.73 0.00	37.67 -1.17 0.00	41.21 -1.59 0.00
OSWEGATCHIE___HYD 24044	30.15 -0.09 0.00	31.44 -0.12 0.00	30.46 -0.10 0.00	28.56 -0.13 0.00	32.57 -0.07 0.00	37.13 0.02 0.00	36.88 0.09 0.00	31.16 0.07 0.00	37.99 0.25 0.00	47.17 0.59 0.00	54.75 0.81 0.00	57.21 0.79 0.00	55.39 0.62 0.00	54.06 0.46 0.00	54.84 0.55 0.00	50.84 0.51 0.00	53.67 0.50 0.00	53.07 0.54 0.00	49.92 0.57 0.00	54.93 0.61 0.00	48.10 0.54 0.00	43.55 0.41 0.00	39.14 0.29 0.00	43.02 0.22 0.00
OSWEGO___5 23606	29.55 -0.69 0.00	30.84 -0.72 0.00	29.87 -0.69 0.00	28.04 -0.66 0.00	31.90 -0.74 0.00	36.29 -0.83 0.00	35.98 -0.81 0.00	30.44 -0.65 0.00	37.00 -0.74 0.00	45.62 -0.96 0.00	52.89 -1.06 0.00	55.40 -1.02 0.00	53.69 -1.08 0.00	52.51 -1.09 0.00	53.14 -1.15 0.00	49.24 -1.10 0.00	52.00 -1.17 0.00	51.26 -1.26 0.00	48.27 -1.08 0.00	53.14 -1.18 0.00	46.58 -0.98 0.00	42.22 -0.92 0.00	38.05 -0.80 0.00	41.97 -0.83 0.00

OSWEGO___6 23613	29.55 -0.69 0.00	30.84 -0.72 0.00	29.87 -0.69 0.00	28.04 -0.66 0.00	31.90 -0.74 0.00	36.29 -0.83 0.00	35.98 -0.81 0.00	30.44 -0.65 0.00	37.00 -0.74 0.00	45.62 -0.96 0.00	52.89 -1.06 0.00	55.40 -1.02 0.00	53.69 -1.08 0.00	52.51 -1.09 0.00	53.14 -1.15 0.00	49.24 -1.10 0.00	52.00 -1.17 0.00	51.26 -1.26 0.00	48.27 -1.08 0.00	53.14 -1.18 0.00	46.58 -0.98 0.00	42.22 -0.92 0.00	38.05 -0.80 0.00	41.97 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	26.54 -2.22 1.48	23.50 -2.52 5.54	25.37 -2.34 2.85	26.44 -2.25 0.00	30.25 -2.39 0.00	34.46 -2.65 0.00	34.12 -2.67 0.00	23.96 -2.50 4.62	29.11 -2.27 6.36	40.96 -3.08 2.54	51.08 -2.87 0.00	54.19 -2.23 0.00	51.50 -3.26 0.00	50.24 -3.36 0.00	50.80 -3.48 0.00	47.47 -2.86 0.00	49.96 -3.21 0.00	49.11 -3.42 0.00	46.80 -2.55 0.00	51.49 -2.82 0.00	45.75 -1.82 0.00	41.43 -1.71 0.00	37.79 -1.05 0.00	41.40 -1.41 0.00
OXBOW___BTM 323836	26.22 -2.50 1.52	23.16 -2.74 5.67	25.08 -2.59 2.89	26.18 -2.52 0.00	29.95 -2.69 0.00	34.11 -3.00 0.00	33.78 -3.01 0.00	23.58 -2.78 4.73	28.65 -2.57 6.52	40.52 -3.46 2.60	50.54 -3.41 0.00	53.63 -2.79 0.00	50.93 -3.83 0.00	49.67 -3.93 0.00	50.24 -4.04 0.00	46.94 -3.40 0.00	49.40 -3.78 0.00	48.54 -3.98 0.00	46.25 -3.10 0.00	50.88 -3.44 0.00	45.21 -2.36 0.00	40.96 -2.18 0.00	37.42 -1.42 0.00	41.05 -1.76 0.00
OXBOW____ 24026	26.22 -2.50 1.52	23.13 -2.76 5.67	25.08 -2.59 2.89	26.18 -2.52 0.00	29.95 -2.69 0.00	34.11 -3.01 0.00	33.78 -3.01 0.00	23.55 -2.80 4.73	28.61 -2.61 6.52	40.48 -3.50 2.60	50.54 -3.41 0.00	53.63 -2.79 0.00	50.93 -3.83 0.00	49.68 -3.92 0.00	50.24 -4.05 0.00	46.94 -3.39 0.00	49.39 -3.78 0.00	48.54 -3.98 0.00	46.24 -3.11 0.00	50.87 -3.44 0.00	45.21 -2.35 0.00	40.96 -2.18 0.00	37.42 -1.42 0.00	41.04 -1.76 0.00
OXY_CHEM_DSASP 323612	25.97 -2.71 1.56	22.84 -2.93 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.27 0.00	33.52 -3.27 0.00	23.21 -3.03 4.85	28.18 -2.87 6.69	40.04 -3.87 2.67	50.11 -3.83 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.22 -4.38 0.00	49.76 -4.52 0.00	46.49 -3.84 0.00	48.91 -4.27 0.00	48.05 -4.48 0.00	45.77 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.76 -2.04 0.00
OZONE_PARK_ESR 323760	31.72 1.48 0.00	33.17 1.61 0.00	31.99 1.43 0.00	30.02 1.32 0.00	34.09 1.45 0.00	38.81 1.70 0.00	38.45 1.66 0.00	32.58 1.49 0.00	39.30 1.56 0.00	48.49 1.91 0.00	55.73 1.79 0.00	57.87 1.45 0.00	56.50 1.74 0.00	55.45 1.86 0.00	56.44 2.15 0.00	52.41 2.07 0.00	55.43 2.26 0.00	54.72 2.20 0.00	51.40 2.05 0.00	56.73 2.41 0.00	49.38 1.82 0.00	44.77 1.63 0.00	40.21 1.36 0.00	44.26 1.46 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	25.97 -2.71 1.56	22.84 -2.93 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.27 0.00	33.52 -3.27 0.00	23.21 -3.03 4.85	28.18 -2.87 6.69	40.04 -3.87 2.67	50.11 -3.83 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.22 -4.38 0.00	49.76 -4.52 0.00	46.49 -3.84 0.00	48.91 -4.27 0.00	48.05 -4.48 0.00	45.77 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.76 -2.04 0.00
PACKARD___115KV_DUPONT_184 80571	25.97 -2.71 1.56	22.84 -2.93 5.80	24.87 -2.76 2.92	25.99 -2.71 0.00	29.73 -2.91 0.00	33.85 -3.27 0.00	33.52 -3.27 0.00	23.21 -3.03 4.85	28.18 -2.87 6.69	40.04 -3.87 2.67	50.11 -3.83 0.00	53.16 -3.26 0.00	50.45 -4.31 0.00	49.22 -4.38 0.00	49.76 -4.52 0.00	46.49 -3.84 0.00	48.91 -4.27 0.00	48.05 -4.48 0.00	45.77 -3.59 0.00	50.34 -3.97 0.00	44.76 -2.81 0.00	40.57 -2.57 0.00	37.14 -1.71 0.00	40.76 -2.04 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	31.45 1.20 -0.01	32.92 1.36 -0.01	31.74 1.18 -0.01	29.79 1.09 -0.01	33.82 1.17 0.00	38.53 1.40 -0.01	38.17 1.38 -0.01	32.33 1.24 -0.01	39.00 1.26 0.00	48.08 1.50 0.00	55.27 1.32 0.00	57.39 0.97 0.00	56.06 1.30 0.00	54.98 1.38 0.00	55.90 1.61 0.00	51.88 1.55 0.00	54.90 1.73 0.00	54.24 1.72 0.00	50.94 1.59 0.00	56.17 1.84 -0.01	48.87 1.30 -0.01	44.31 1.17 -0.01	39.83 0.98 0.00	43.82 1.01 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	31.45 1.20 -0.01	32.93 1.36 -0.01	31.75 1.18 -0.01	29.79 1.09 -0.01	33.82 1.18 0.00	38.53 1.41 -0.01	38.20 1.40 -0.01	32.34 1.25 -0.01	39.00 1.26 0.00	48.08 1.50 0.00	55.27 1.32 0.00	57.40 0.98 0.00	56.07 1.31 0.00	54.98 1.39 0.00	55.90 1.61 0.00	51.89 1.56 0.00	54.90 1.73 0.00	54.24 1.72 0.00	50.94 1.59 0.00	56.17 1.84 -0.01	48.87 1.30 -0.01	44.31 1.17 -0.01	39.83 0.99 0.00	43.94 1.14 0.00
PATROON___115KV_TB1 80586	30.79 0.55 0.00	32.17 0.61 0.00	31.22 0.66 0.00	29.37 0.68 0.00	33.31 0.67 0.00	37.86 0.74 0.00	37.41 0.63 0.00	31.54 0.45 0.00	37.95 0.21 0.00	46.82 0.24 0.00	54.05 0.10 0.00	56.44 0.02 0.00	54.97 0.20 0.00	53.86 0.26 0.00	54.60 0.31 0.00	50.66 0.33 0.00	53.52 0.35 0.00	53.04 0.52 0.00	49.78 0.44 0.00	54.80 0.48 0.00	47.88 0.31 0.00	43.42 0.28 0.00	39.08 0.24 0.00	43.04 0.23 0.00
PATTRSNVILLE___SOLAR 323815	31.13 0.89 0.00	32.50 0.94 0.00	31.47 0.91 0.00	29.56 0.86 0.00	33.65 1.01 0.00	38.26 1.15 0.00	37.93 1.14 0.00	32.10 1.01 0.00	38.86 1.12 0.00	47.98 1.41 0.00	55.38 1.43 0.00	57.99 1.56 0.00	56.35 1.59 0.00	55.15 1.55 0.00	55.90 1.62 0.00	51.85 1.51 0.00	54.76 1.59 0.00	54.17 1.65 0.00	50.95 1.60 0.00	56.09 1.78 0.00	49.06 1.50 0.00	44.45 1.31 0.00	39.95 1.11 0.00	44.00 1.20 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.12 -2.04 1.09	24.97 -2.39 4.19	25.96 -2.15 2.46	26.70 -2.00 0.00	30.51 -2.13 0.00	34.75 -2.37 0.00	34.48 -2.31 0.00	25.51 -2.19 3.38	31.05 -2.03 4.66	42.06 -2.66 1.86	51.55 -2.40 0.00	54.64 -1.78 0.00	52.08 -2.68 0.00	50.81 -2.79 0.00	51.36 -2.93 0.00	47.90 -2.44 0.00	50.52 -2.65 0.00	49.64 -2.88 0.00	47.30 -2.05 0.00	52.13 -2.18 0.00	46.19 -1.37 0.00	41.80 -1.34 0.00	37.99 -0.85 0.00	41.59 -1.21 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.50 1.26 0.00	32.97 1.40 0.00	31.83 1.27 0.00	29.87 1.17 0.00	33.94 1.30 0.00	38.63 1.52 0.00	38.27 1.49 0.00	32.43 1.34 0.00	39.06 1.32 0.00	48.14 1.56 0.00	55.43 1.48 0.00	57.62 1.20 0.00	56.23 1.47 0.00	55.21 1.61 0.00	56.11 1.82 0.00	52.08 1.74 0.00	55.12 1.95 0.00	54.54 2.02 0.00	51.25 1.90 0.00	56.51 2.20 0.00	49.27 1.70 0.00	44.62 1.48 0.00	40.07 1.22 0.00	44.10 1.30 0.00
PEEKSKILL____ 23653	31.14 0.90 0.00	32.59 1.03 0.00	31.45 0.89 0.00	29.53 0.82 0.00	33.55 0.91 0.00	38.19 1.07 0.00	37.81 1.03 0.00	32.02 0.93 0.00	38.60 0.86 0.00	47.56 0.98 0.00	54.76 0.81 0.00	56.90 0.48 0.00	55.59 0.83 0.00	54.57 0.97 0.00	55.49 1.20 0.00	51.49 1.16 0.00	54.48 1.31 0.00	53.83 1.30 0.00	50.54 1.19 0.00	55.74 1.42 0.00	48.57 1.00 0.00	44.01 0.87 0.00	39.54 0.70 0.00	43.57 0.76 0.00

PGE MADISON___WINDPWR 24146	30.99 0.37 -0.38	33.87 0.40 -1.91	32.72 0.07 -2.08	28.21 -0.49 0.00	32.24 -0.41 0.00	37.38 0.27 0.00	37.74 0.95 0.00	33.31 1.03 -1.19	40.98 1.61 -1.64	49.41 2.18 -0.65	56.56 2.61 0.00	58.96 2.54 0.00	57.02 2.26 0.00	56.19 2.59 0.00	56.97 2.68 0.00	53.21 2.87 0.00	56.62 3.45 0.00	56.11 3.59 0.00	53.28 3.93 0.00	58.67 4.35 0.00	51.23 3.66 0.00	46.32 3.18 0.00	41.43 2.58 0.00	44.97 2.16 0.00
PIERCEFIELD___HYD 23852	30.06 -0.18 0.00	31.29 -0.27 0.00	30.27 -0.29 0.00	28.42 -0.28 0.00	32.32 -0.32 0.00	36.77 -0.35 0.00	36.57 -0.22 0.00	30.77 -0.31 0.00	37.65 -0.09 0.00	46.74 0.16 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.03 0.27 0.00	53.69 0.09 0.00	54.40 0.11 0.00	50.46 0.12 0.00	53.27 0.10 0.00	52.71 0.19 0.00	49.51 0.16 0.00	54.45 0.13 0.00	47.79 0.22 0.00	43.33 0.19 0.00	38.97 0.13 0.00	42.89 0.09 0.00
PINELAWN_CC_1 323563	31.79 1.54 0.00	33.27 1.71 0.00	32.07 1.51 0.00	30.10 1.41 0.00	34.10 1.46 0.00	38.91 1.79 0.00	38.71 1.92 0.00	32.82 1.74 0.00	39.14 1.40 0.00	48.00 1.42 0.00	55.35 1.40 0.00	56.92 0.50 0.00	55.52 0.76 0.00	54.39 0.80 0.00	55.37 1.09 0.00	52.15 1.81 0.00	55.16 1.99 0.00	55.11 2.07 -0.51	51.10 1.75 0.00	57.44 2.16 -0.97	49.12 1.55 0.00	44.62 1.48 0.00	39.94 1.10 0.00	44.19 1.39 0.00
PJM_GEN_HTP_PROXY 323702	31.44 1.21 0.00	32.90 1.34 0.00	31.73 1.17 0.00	29.79 1.09 0.00	33.83 1.19 0.00	38.52 1.40 0.00	38.15 1.36 0.00	32.32 1.23 0.00	38.97 1.22 0.00	48.06 1.48 0.00	55.30 1.35 0.00	57.40 0.98 0.00	56.05 1.29 0.00	55.02 1.42 0.00	55.95 1.66 0.00	51.95 1.62 0.00	54.95 1.78 0.00	54.25 1.73 0.00	50.94 1.59 0.00	56.21 1.89 0.00	48.92 1.36 0.00	44.34 1.20 0.00	39.82 0.98 0.00	43.87 1.06 0.00
PJM_GEN_KEystone 24065	29.58 -0.66 0.00	30.63 -0.72 0.21	29.27 -0.71 0.57	28.02 -0.68 0.00	31.91 -0.73 0.00	36.32 -0.80 0.00	35.99 -0.80 0.00	30.42 -0.67 0.00	36.97 -0.77 0.00	45.49 -1.09 0.00	52.70 -1.25 0.00	55.13 -1.29 0.00	53.52 -1.24 0.00	52.36 -1.24 0.00	53.06 -1.22 0.00	49.27 -1.07 0.00	52.15 -1.02 0.00	51.38 -1.15 0.00	48.50 -0.85 0.00	53.56 -0.75 0.00	46.92 -0.65 0.00	42.50 -0.64 0.00	38.35 -0.49 0.00	42.17 -0.64 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.51 1.28 0.00	33.00 1.44 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.86 1.22 0.00	38.60 1.48 0.00	38.32 1.53 0.00	32.52 1.43 0.00	38.84 1.10 0.00	47.76 1.18 0.00	55.02 1.07 0.00	56.85 0.43 0.00	55.46 0.70 0.00	54.37 0.78 0.00	55.24 0.96 0.00	51.77 1.44 0.01	54.73 1.56 0.01	53.98 1.54 0.07	50.66 1.31 0.00	56.03 1.62 -0.09	48.68 1.11 0.00	44.19 1.06 0.00	39.59 0.75 0.00	43.78 0.98 0.00
PJM_GEN_VFT_PROXY 323633	31.29 1.05 0.00	32.74 1.18 0.00	31.57 1.01 0.00	29.63 0.93 0.00	33.66 1.02 0.00	38.32 1.21 0.00	37.95 1.16 0.00	32.14 1.06 0.00	38.77 1.03 0.00	47.81 1.23 0.00	54.98 1.03 0.00	57.02 0.60 0.00	55.71 0.95 0.00	54.68 1.08 0.00	55.62 1.34 0.00	51.62 1.29 0.00	54.62 1.44 0.00	53.92 1.40 0.00	50.65 1.30 0.00	55.88 1.57 0.00	48.64 1.07 0.00	44.09 0.95 0.00	39.62 0.77 0.00	43.63 0.83 0.00
PLATSBURG_115KV_PMLD1 355749	30.69 0.45 0.00	31.90 0.33 0.00	30.67 0.11 0.00	28.68 -0.01 0.00	32.63 -0.01 0.00	37.02 -0.10 0.00	36.88 0.09 0.00	30.98 -0.10 0.00	37.95 0.21 0.00	47.08 0.50 0.00	55.15 1.20 0.00	57.89 1.47 0.00	56.45 1.69 0.00	55.15 1.56 0.00	55.76 1.47 0.00	51.67 1.34 0.00	54.59 1.42 0.00	54.28 1.76 0.00	51.01 1.66 0.00	56.08 1.77 0.00	49.10 1.54 0.00	44.35 1.22 0.00	39.72 0.88 0.00	43.64 0.84 0.00
PLEASANTVLY___LBMP 24000	31.15 0.91 0.00	32.62 1.06 0.00	31.51 0.95 0.00	29.58 0.89 0.00	33.61 0.97 0.00	38.24 1.13 0.00	37.85 1.06 0.00	32.05 0.97 0.00	38.60 0.86 0.00	47.58 1.00 0.00	54.80 0.85 0.00	57.00 0.58 0.00	55.61 0.85 0.00	54.57 0.97 0.00	55.43 1.14 0.00	51.44 1.10 0.00	54.42 1.25 0.00	53.82 1.29 0.00	50.55 1.19 0.00	55.70 1.39 0.00	48.59 1.02 0.00	44.02 0.88 0.00	39.55 0.70 0.00	43.57 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.36 1.12 0.00	32.81 1.25 0.00	31.68 1.12 0.00	29.73 1.03 0.00	33.76 1.12 0.00	38.43 1.31 0.00	38.06 1.27 0.00	32.25 1.17 0.00	38.85 1.11 0.00	47.89 1.31 0.00	55.12 1.17 0.00	57.29 0.87 0.00	55.93 1.17 0.00	54.88 1.29 0.00	55.78 1.50 0.00	51.78 1.45 0.00	54.77 1.60 0.00	54.14 1.62 0.00	50.85 1.51 0.00	56.10 1.79 0.00	48.90 1.33 0.00	44.31 1.17 0.00	39.81 0.97 0.00	43.84 1.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.36 1.12 0.00	32.81 1.25 0.00	31.68 1.12 0.00	29.73 1.03 0.00	33.76 1.12 0.00	38.43 1.31 0.00	38.06 1.27 0.00	32.25 1.17 0.00	38.85 1.11 0.00	47.89 1.31 0.00	55.12 1.17 0.00	57.29 0.87 0.00	55.93 1.17 0.00	54.88 1.29 0.00	55.78 1.50 0.00	51.78 1.45 0.00	54.77 1.60 0.00	54.14 1.62 0.00	50.85 1.51 0.00	56.10 1.79 0.00	48.90 1.33 0.00	44.31 1.17 0.00	39.81 0.97 0.00	43.84 1.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.36 1.12 0.00	32.81 1.25 0.00	31.71 1.15 0.00	29.77 1.07 0.00	33.82 1.18 0.00	38.49 1.38 0.00	38.12 1.33 0.00	32.30 1.21 0.00	38.87 1.13 0.00	47.90 1.32 0.00	55.14 1.19 0.00	57.39 0.97 0.00	55.95 1.19 0.00	54.93 1.33 0.00	55.83 1.54 0.00	51.80 1.47 0.00	54.86 1.69 0.00	54.28 1.76 0.00	51.04 1.68 0.00	56.26 1.95 0.00	49.08 1.51 0.00	44.45 1.31 0.00	39.91 1.07 0.00	43.93 1.12 0.00
POLETTI___ 23519	31.44 1.20 0.00	32.91 1.35 0.00	31.73 1.17 0.00	29.78 1.09 0.00	33.83 1.18 0.00	38.51 1.39 0.00	38.12 1.33 0.00	32.30 1.21 0.00	38.95 1.21 0.00	48.05 1.47 0.00	55.24 1.29 0.00	57.35 0.93 0.00	56.00 1.24 0.00	54.96 1.36 0.00	55.90 1.61 0.00	51.90 1.57 0.00	54.90 1.73 0.00	54.20 1.67 0.00	50.89 1.54 0.00	56.14 1.82 0.00	48.88 1.31 0.00	44.31 1.17 0.00	39.80 0.96 0.00	43.84 1.04 0.00
POMONA___ESR 323819	31.17 0.93 0.00	32.61 1.05 0.00	31.46 0.90 0.00	29.54 0.84 0.00	33.56 0.92 0.00	38.24 1.13 0.00	37.86 1.07 0.00	32.05 0.97 0.00	38.65 0.91 0.00	47.64 1.06 0.00	54.85 0.90 0.00	57.03 0.60 0.00	55.71 0.95 0.00	54.71 1.11 0.00	55.61 1.32 0.00	51.60 1.27 0.00	54.55 1.38 0.00	53.89 1.37 0.00	50.59 1.24 0.00	55.78 1.47 0.00	48.61 1.04 0.00	44.03 0.89 0.00	39.58 0.74 0.00	43.61 0.80 0.00
PORT_JEFF_3 23555	31.63 1.38 0.00	33.19 1.63 0.00	31.99 1.43 0.00	30.05 1.35 0.00	33.97 1.33 0.00	38.85 1.73 0.00	38.75 1.97 0.00	32.87 1.79 0.00	39.05 1.31 0.00	47.78 1.20 0.00	54.99 1.04 0.00	56.34 -0.08 0.00	54.96 0.20 0.00	53.70 0.11 0.00	54.88 0.59 0.00	51.79 1.46 0.00	54.84 1.68 0.00	54.64 1.97 -0.15	50.98 1.63 0.00	56.85 2.11 -0.42	49.04 1.47 0.00	44.60 1.46 0.00	39.77 0.93 0.00	44.13 1.32 0.00

PORT_JEFF_4 23616	31.63 1.38 0.00	33.19 1.63 0.00	31.99 1.43 0.00	30.05 1.35 0.00	33.97 1.33 0.00	38.85 1.73 0.00	38.75 1.97 0.00	32.87 1.79 0.00	39.05 1.31 0.00	47.78 1.20 0.00	54.99 1.04 0.00	56.34 -0.08 0.00	54.96 0.20 0.00	53.70 0.11 0.00	54.88 0.59 0.00	51.79 1.46 0.00	54.84 1.68 0.00	54.64 1.97 -0.15	50.98 1.63 0.00	56.85 2.11 -0.42	49.04 1.47 0.00	44.60 1.46 0.00	39.77 0.93 0.00	44.13 1.32 0.00
PORT_JEFF_IC 23713	31.63 1.39 0.00	33.19 1.63 0.00	31.99 1.43 0.00	30.05 1.35 0.00	33.96 1.31 0.00	38.84 1.73 0.00	38.76 1.97 0.00	32.88 1.80 0.00	39.06 1.31 0.00	47.79 1.21 0.00	54.99 1.04 0.00	56.32 -0.10 0.00	54.94 0.17 0.00	53.69 0.10 0.00	54.88 0.59 0.00	51.79 1.46 0.00	54.85 1.68 0.00	54.69 2.00 -0.16	51.01 1.66 0.00	56.91 2.15 -0.44	49.06 1.49 0.00	44.62 1.48 0.00	39.78 0.93 0.00	44.13 1.32 0.00
PPL_PILGRIM_ST_GT1 24216	31.85 1.61 0.00	33.38 1.82 0.00	32.16 1.60 0.00	30.20 1.50 0.00	34.16 1.52 0.00	39.03 1.91 0.00	38.86 2.07 0.00	32.95 1.87 0.00	39.24 1.49 0.00	48.07 1.49 0.00	55.40 1.45 0.00	56.87 0.45 0.00	55.48 0.72 0.00	54.30 0.71 0.00	55.36 1.08 0.00	52.20 1.88 0.00	55.22 2.05 0.00	54.93 2.18 -0.22	51.23 1.88 0.00	57.16 2.31 -0.53	49.20 1.64 0.00	44.75 1.61 0.00	40.00 1.15 0.00	44.32 1.52 0.00
PPL_PILGRIM_ST_GT2 24217	31.85 1.61 0.00	33.38 1.82 0.00	32.16 1.60 0.00	30.20 1.50 0.00	34.16 1.52 0.00	39.03 1.91 0.00	38.86 2.07 0.00	32.95 1.87 0.00	39.24 1.49 0.00	48.07 1.49 0.00	55.40 1.45 0.00	56.87 0.45 0.00	55.48 0.72 0.00	54.30 0.71 0.00	55.36 1.08 0.00	52.20 1.88 0.00	55.22 2.05 0.00	54.93 2.18 -0.22	51.23 1.88 0.00	57.16 2.31 -0.53	49.20 1.64 0.00	44.75 1.61 0.00	40.00 1.15 0.00	44.32 1.52 0.00
PPL_SHRM_GT3 24213	31.28 1.04 0.00	32.97 1.41 0.00	31.77 1.21 0.00	29.87 1.18 0.00	33.72 1.08 0.00	38.69 1.57 0.00	38.75 1.97 0.00	32.87 1.79 0.00	38.86 1.12 0.00	47.37 0.79 0.00	54.45 0.51 0.00	55.48 -0.94 0.00	54.08 -0.68 0.00	52.72 -0.88 0.00	54.03 -0.26 0.00	51.05 0.72 0.00	54.16 0.99 0.00	54.26 1.58 -0.15	50.47 1.12 0.00	56.53 1.78 -0.43	48.76 1.19 0.00	44.39 1.25 0.00	39.38 0.54 0.00	43.90 1.09 0.00
PPL_SHRM_GT4 24214	31.28 1.04 0.00	32.97 1.41 0.00	31.77 1.21 0.00	29.87 1.18 0.00	33.72 1.08 0.00	38.69 1.57 0.00	38.75 1.97 0.00	32.87 1.79 0.00	38.86 1.12 0.00	47.37 0.79 0.00	54.45 0.51 0.00	55.48 -0.94 0.00	54.08 -0.68 0.00	52.72 -0.88 0.00	54.03 -0.26 0.00	51.05 0.72 0.00	54.16 0.99 0.00	54.26 1.58 -0.15	50.47 1.12 0.00	56.53 1.78 -0.43	48.76 1.19 0.00	44.39 1.25 0.00	39.38 0.54 0.00	43.90 1.09 0.00
PROJECT___ORANGE 1 24174	29.85 -0.39 0.00	31.14 -0.43 0.00	30.15 -0.41 0.00	28.29 -0.40 0.00	32.20 -0.44 0.00	36.65 -0.47 0.00	36.35 -0.44 0.00	30.78 -0.30 0.00	37.43 -0.31 0.00	46.13 -0.45 0.00	53.51 -0.44 0.00	56.07 -0.35 0.00	54.31 -0.45 0.00	53.12 -0.47 0.00	53.78 -0.51 0.00	49.84 -0.49 0.00	52.66 -0.51 0.00	51.90 -0.63 0.00	48.93 -0.42 0.00	53.87 -0.45 0.00	47.23 -0.33 0.00	42.78 -0.36 0.00	38.55 -0.29 0.00	42.48 -0.33 0.00
PROJECT___ORANGE 2 24166	29.85 -0.39 0.00	31.14 -0.43 0.00	30.15 -0.41 0.00	28.29 -0.40 0.00	32.20 -0.44 0.00	36.65 -0.47 0.00	36.35 -0.44 0.00	30.78 -0.30 0.00	37.43 -0.31 0.00	46.13 -0.45 0.00	53.51 -0.44 0.00	56.07 -0.35 0.00	54.31 -0.45 0.00	53.12 -0.47 0.00	53.78 -0.51 0.00	49.84 -0.49 0.00	52.66 -0.51 0.00	51.90 -0.63 0.00	48.93 -0.42 0.00	53.87 -0.45 0.00	47.23 -0.33 0.00	42.78 -0.36 0.00	38.55 -0.29 0.00	42.48 -0.33 0.00
PUCKETT___SOLAR 323809	29.82 -0.42 0.00	31.16 -0.40 0.00	30.03 -0.53 0.00	28.08 -0.61 0.00	31.98 -0.67 0.00	36.48 -0.64 0.00	36.29 -0.50 0.00	30.78 -0.30 0.00	37.43 -0.31 0.00	46.20 -0.38 0.00	53.44 -0.51 0.00	55.90 -0.52 0.00	54.21 -0.55 0.00	53.23 -0.37 0.00	53.91 -0.38 0.00	50.11 -0.22 0.00	53.19 0.01 0.00	52.57 0.05 0.00	49.80 0.45 0.00	54.91 0.59 0.00	48.08 0.51 0.00	43.60 0.46 0.00	39.22 0.37 0.00	42.93 0.13 0.00
PYRITES___HYD 24023	30.83 0.59 0.00	32.08 0.52 0.00	31.06 0.50 0.00	29.16 0.46 0.00	33.17 0.53 0.00	37.73 0.61 0.00	37.52 0.74 0.00	31.57 0.49 0.00	38.66 0.91 0.00	47.96 1.38 0.00	55.62 1.67 0.00	58.20 1.78 0.00	56.30 1.54 0.00	54.88 1.28 0.00	55.56 1.27 0.00	51.54 1.20 0.00	54.52 1.35 0.00	53.99 1.47 0.00	50.78 1.43 0.00	55.90 1.59 0.00	49.10 1.53 0.00	44.53 1.40 0.00	40.04 1.20 0.00	44.05 1.25 0.00
QUAKERRD_115KV_BK1 80622	28.64 -1.60 0.00	29.64 -1.73 0.19	28.39 -1.64 0.53	27.11 -1.59 0.00	30.93 -1.71 0.00	35.23 -1.89 0.00	34.94 -1.84 0.00	29.52 -1.57 0.00	36.25 -1.49 0.00	44.57 -2.01 0.00	51.94 -2.01 0.00	54.67 -1.75 0.00	52.54 -2.22 0.00	51.34 -2.25 0.00	51.95 -2.34 0.00	48.32 -2.01 0.00	50.97 -2.20 0.00	50.21 -2.32 0.00	47.51 -1.84 0.00	52.31 -2.00 0.00	46.07 -1.50 0.00	41.69 -1.44 0.00	37.67 -1.17 0.00	41.40 -1.41 0.00
QUENSBRY_115KV_TB8 356137	32.02 1.78 0.00	33.40 1.84 0.00	32.41 1.85 0.00	30.43 1.74 0.00	34.62 1.98 0.00	39.16 2.05 0.00	38.84 2.04 0.00	32.88 1.80 0.00	39.77 2.03 0.00	49.16 2.58 0.00	56.80 2.85 0.00	59.39 2.98 0.00	57.76 3.00 0.00	56.58 2.98 0.00	57.37 3.08 0.00	53.22 2.88 0.00	56.35 3.18 0.00	56.14 3.62 0.00	52.76 3.41 0.00	58.02 3.70 0.00	50.68 3.11 0.00	45.81 2.67 0.00	41.06 2.22 0.00	45.21 2.41 0.00
RAMAPO___LBMP 323565	31.03 0.79 0.00	32.48 0.92 0.00	31.33 0.77 0.00	29.41 0.71 0.00	33.42 0.78 0.00	38.06 0.94 0.00	37.67 0.88 0.00	31.89 0.80 0.00	38.47 0.72 0.00	47.41 0.83 0.00	54.57 0.62 0.00	56.72 0.30 0.00	55.44 0.68 0.00	54.41 0.82 0.00	55.32 1.03 0.00	51.33 1.00 0.00	54.30 1.13 0.00	53.66 1.14 0.00	50.35 1.00 0.00	55.52 1.21 0.00	48.39 0.82 0.00	43.83 0.69 0.00	39.41 0.57 0.00	43.42 0.62 0.00
RANKINE____ 23646	26.91 -2.11 1.22	24.48 -2.44 4.65	25.75 -2.22 2.59	26.60 -2.10 0.00	30.40 -2.24 0.00	34.65 -2.46 0.00	34.37 -2.43 0.00	25.02 -2.27 3.80	30.44 -2.07 5.23	41.72 -2.77 2.09	51.49 -2.46 0.00	54.63 -1.79 0.00	52.01 -2.75 0.00	50.68 -2.92 0.00	51.26 -3.03 0.00	47.85 -2.49 0.00	50.40 -2.77 0.00	49.56 -2.96 0.00	47.23 -2.12 0.00	52.03 -2.28 0.00	46.17 -1.39 0.00	41.77 -1.37 0.00	38.00 -0.84 0.00	41.60 -1.20 0.00
RAVENSWOOD_GT2_1 24244	31.48 1.24 0.00	32.94 1.38 0.00	31.76 1.21 0.00	29.82 1.12 0.00	33.86 1.22 0.00	38.55 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.00 1.26 0.00	48.11 1.53 0.00	55.33 1.38 0.00	57.45 1.03 0.00	56.10 1.34 0.00	55.06 1.46 0.00	56.00 1.71 0.00	51.98 1.65 0.00	54.99 1.82 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.25 1.94 0.00	48.99 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00

RAVENSWOOD_GT2_2 24245	31.48 1.24 0.00	32.94 1.38 0.00	31.76 1.21 0.00	29.82 1.12 0.00	33.86 1.22 0.00	38.55 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.00 1.26 0.00	48.11 1.53 0.00	55.33 1.38 0.00	57.45 1.03 0.00	56.10 1.34 0.00	55.06 1.46 0.00	56.00 1.71 0.00	51.98 1.65 0.00	54.99 1.82 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.25 1.94 0.00	48.99 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
RAVENSWOOD_GT2_3 24246	31.50 1.26 0.00	32.96 1.40 0.00	31.78 1.23 0.00	29.83 1.14 0.00	33.89 1.25 0.00	38.57 1.46 0.00	38.20 1.41 0.00	32.36 1.28 0.00	39.03 1.29 0.00	48.14 1.56 0.00	55.35 1.41 0.00	57.47 1.05 0.00	56.14 1.38 0.00	55.09 1.49 0.00	56.03 1.74 0.00	52.01 1.68 0.00	55.02 1.85 0.00	54.32 1.80 0.00	51.03 1.68 0.00	56.29 1.98 0.00	49.02 1.45 0.00	44.43 1.29 0.00	39.90 1.06 0.00	43.95 1.14 0.00
RAVENSWOOD_GT2_4 24247	31.50 1.26 0.00	32.96 1.40 0.00	31.78 1.23 0.00	29.83 1.14 0.00	33.89 1.25 0.00	38.57 1.46 0.00	38.20 1.41 0.00	32.36 1.28 0.00	39.03 1.29 0.00	48.14 1.56 0.00	55.35 1.41 0.00	57.47 1.05 0.00	56.14 1.38 0.00	55.09 1.49 0.00	56.03 1.74 0.00	52.01 1.68 0.00	55.02 1.85 0.00	54.32 1.80 0.00	51.03 1.68 0.00	56.29 1.98 0.00	49.02 1.45 0.00	44.43 1.29 0.00	39.90 1.06 0.00	43.95 1.14 0.00
RAVENSWOOD_GT3_1 24248	31.48 1.24 0.00	32.94 1.38 0.00	31.77 1.21 0.00	29.82 1.12 0.00	33.86 1.22 0.00	38.56 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.01 1.27 0.00	48.12 1.54 0.00	55.33 1.38 0.00	57.46 1.04 0.00	56.11 1.34 0.00	55.07 1.47 0.00	56.00 1.71 0.00	51.99 1.65 0.00	55.00 1.83 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.26 1.95 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
RAVENSWOOD_GT3_2 24249	31.48 1.24 0.00	32.94 1.38 0.00	31.77 1.21 0.00	29.82 1.12 0.00	33.86 1.22 0.00	38.56 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.01 1.27 0.00	48.12 1.54 0.00	55.33 1.38 0.00	57.46 1.04 0.00	56.11 1.34 0.00	55.07 1.47 0.00	56.00 1.71 0.00	51.99 1.65 0.00	55.00 1.83 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.26 1.95 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.12 0.00
RAVENSWOOD_GT3_3 24250	31.54 1.30 0.00	32.99 1.43 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.91 1.27 0.00	38.61 1.49 0.00	38.24 1.45 0.00	32.40 1.31 0.00	39.07 1.33 0.00	48.19 1.61 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.20 1.43 0.00	55.15 1.55 0.00	56.10 1.81 0.00	52.07 1.73 0.00	55.07 1.90 0.00	54.40 1.87 0.00	51.09 1.74 0.00	56.36 2.04 0.00	49.08 1.51 0.00	44.48 1.34 0.00	39.95 1.11 0.00	44.00 1.19 0.00
RAVENSWOOD_GT3_4 24251	31.54 1.30 0.00	32.99 1.43 0.00	31.82 1.26 0.00	29.86 1.16 0.00	33.91 1.27 0.00	38.61 1.49 0.00	38.24 1.45 0.00	32.40 1.31 0.00	39.07 1.33 0.00	48.19 1.61 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.20 1.43 0.00	55.15 1.55 0.00	56.10 1.81 0.00	52.07 1.73 0.00	55.07 1.90 0.00	54.40 1.87 0.00	51.09 1.74 0.00	56.36 2.04 0.00	49.08 1.51 0.00	44.48 1.34 0.00	39.95 1.11 0.00	44.00 1.19 0.00
RAVENSWOOD_GT_1 23729	35.62 1.39 -4.00	36.67 1.52 -3.59	35.71 1.34 -3.81	34.05 1.23 -4.12	37.24 1.35 -3.25	41.03 1.58 -2.33	40.76 1.56 -2.41	36.06 1.40 -3.57	41.50 1.45 -2.31	48.79 1.76 -0.46	55.56 1.61 0.00	57.69 1.27 0.00	60.03 1.61 -3.66	55.75 1.71 -0.45	56.66 1.94 -0.43	52.21 1.88 0.00	59.30 2.06 -4.07	54.55 2.03 0.00	57.59 1.89 -6.35	59.04 2.20 -2.52	58.80 1.65 -9.58	46.20 1.48 -1.59	41.43 1.24 -1.35	44.63 1.30 -0.53
RAVENSWOOD_GT_10 24258	31.93 1.24 -0.46	33.35 1.38 -0.41	32.20 1.21 -0.44	30.29 1.12 -0.47	34.24 1.22 -0.37	38.82 1.44 -0.27	38.47 1.40 -0.28	32.77 1.27 -0.41	39.27 1.26 -0.27	48.16 1.52 -0.05	55.33 1.38 0.00	57.45 1.03 0.00	56.52 1.34 -0.42	55.11 1.46 -0.05	56.05 1.71 -0.05	51.98 1.65 0.00	55.46 1.82 -0.47	54.30 1.78 0.00	50.61 1.65 0.40	56.06 1.94 0.20	48.25 1.43 0.74	44.58 1.27 -0.17	40.04 1.05 -0.16	43.99 1.12 -0.06
RAVENSWOOD_GT_11 24259	31.93 1.24 -0.46	33.35 1.38 -0.41	32.20 1.21 -0.44	30.29 1.12 -0.47	34.24 1.22 -0.37	38.82 1.44 -0.27	38.47 1.40 -0.28	32.77 1.27 -0.41	39.27 1.26 -0.27	48.16 1.52 -0.05	55.33 1.38 0.00	57.45 1.03 0.00	56.52 1.34 -0.42	55.11 1.46 -0.05	56.05 1.71 -0.05	51.98 1.65 0.00	55.46 1.82 -0.47	54.30 1.78 0.00	50.61 1.65 0.40	56.06 1.94 0.20	48.25 1.43 0.74	44.58 1.27 -0.17	40.04 1.05 -0.16	43.99 1.12 -0.06
RAVENSWOOD_GT_4 24252	34.51 1.24 -3.04	35.65 1.37 -2.73	34.66 1.20 -2.90	32.94 1.11 -3.13	36.33 1.22 -2.47	40.31 1.43 -1.77	39.99 1.38 -1.82	35.04 1.25 -2.71	40.75 1.25 -1.76	48.44 1.51 -0.35	55.32 1.37 0.00	57.42 1.00 0.00	58.87 1.32 -2.79	55.38 1.44 -0.34	56.31 1.69 -0.33	51.96 1.63 0.00	58.06 1.80 -3.10	54.28 1.75 0.00	48.36 1.63 2.62	54.92 1.92 1.32	44.07 1.41 4.90	45.49 1.25 -1.10	40.90 1.03 -1.03	44.32 1.12 -0.40
RAVENSWOOD_GT_5 24254	34.51 1.24 -3.04	35.65 1.37 -2.73	34.66 1.20 -2.90	32.94 1.11 -3.13	36.33 1.22 -2.47	40.31 1.43 -1.77	39.99 1.38 -1.82	35.04 1.25 -2.71	40.75 1.25 -1.76	48.44 1.51 -0.35	55.32 1.37 0.00	57.42 1.00 0.00	58.87 1.32 -2.79	55.38 1.44 -0.34	56.31 1.69 -0.33	51.96 1.63 0.00	58.06 1.80 -3.10	54.28 1.75 0.00	48.36 1.63 2.62	54.92 1.92 1.32	44.07 1.41 4.90	45.49 1.25 -1.10	40.90 1.03 -1.03	44.32 1.12 -0.40
RAVENSWOOD_GT_6 24253	34.51 1.24 -3.04	35.65 1.37 -2.73	34.66 1.20 -2.90	32.94 1.11 -3.13	36.33 1.22 -2.47	40.31 1.43 -1.77	39.99 1.38 -1.82	35.04 1.25 -2.71	40.75 1.25 -1.76	48.44 1.51 -0.35	55.32 1.37 0.00	57.42 1.00 0.00	58.87 1.32 -2.79	55.38 1.44 -0.34	56.31 1.69 -0.33	51.96 1.63 0.00	58.06 1.80 -3.10	54.28 1.75 0.00	48.36 1.63 2.62	54.92 1.92 1.32	44.07 1.41 4.90	45.49 1.25 -1.10	40.90 1.03 -1.03	44.32 1.12 -0.40
RAVENSWOOD_GT_7 24255	34.51 1.24 -3.04	35.65 1.37 -2.73	34.66 1.20 -2.90	32.94 1.11 -3.13	36.33 1.22 -2.47	40.31 1.43 -1.77	39.99 1.38 -1.82	35.04 1.25 -2.71	40.75 1.25 -1.76	48.44 1.51 -0.35	55.32 1.37 0.00	57.42 1.00 0.00	58.87 1.32 -2.79	55.38 1.44 -0.34	56.31 1.69 -0.33	51.96 1.63 0.00	58.06 1.80 -3.10	54.28 1.75 0.00	48.36 1.63 2.62	54.92 1.92 1.32	44.07 1.41 4.90	45.49 1.25 -1.10	40.90 1.03 -1.03	44.32 1.12 -0.40
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.93 1.24 -0.46	33.35 1.38 -0.41	32.20 1.21 -0.44	30.29 1.12 -0.47	34.24 1.22 -0.37	38.82 1.44 -0.27	38.47 1.40 -0.28	32.77 1.27 -0.41	39.27 1.26 -0.27	48.16 1.52 -0.05	55.33 1.38 0.00	57.45 1.03 0.00	56.52 1.34 -0.42	55.11 1.46 -0.05	56.05 1.71 -0.05	51.98 1.65 0.00	55.46 1.82 -0.47	54.30 1.78 0.00	50.61 1.65 0.40	56.06 1.94 0.20	48.25 1.43 0.74	44.58 1.27 -0.17	40.04 1.05 -0.16	43.99 1.12 -0.06

RAVENSWOOD_GT_9 24257	31.93 1.24 -0.46	33.35 1.38 -0.41	32.20 1.21 -0.44	30.29 1.12 -0.47	34.24 1.22 -0.37	38.82 1.44 -0.27	38.47 1.40 -0.28	32.77 1.27 -0.41	39.27 1.26 -0.27	48.16 1.52 -0.05	55.33 1.38 0.00	57.45 1.03 0.00	56.52 1.34 -0.42	55.11 1.46 -0.05	56.05 1.71 -0.05	51.98 1.65 0.00	55.46 1.82 -0.47	54.30 1.78 0.00	50.61 1.65 0.40	56.06 1.94 0.20	48.25 1.43 0.74	44.58 1.27 -0.17	40.04 1.05 -0.16	43.99 1.12 -0.06
RAVENSWOOD___1 23533	27.64 1.33 3.93	29.50 1.46 3.52	28.10 1.28 3.74	25.84 1.19 4.04	30.74 1.29 3.20	36.36 1.53 2.28	35.93 1.50 2.35	28.93 1.34 3.50	36.85 1.38 2.27	47.78 1.65 0.45	55.47 1.52 0.00	57.59 1.17 0.00	52.67 1.51 3.61	54.78 1.63 0.44	55.72 1.86 0.43	52.13 1.80 0.00	51.13 1.97 4.01	54.45 1.93 0.00	54.55 1.81 -3.39	58.12 2.10 -1.71	55.47 1.57 -6.34	43.10 1.39 1.43	38.67 1.16 1.33	43.50 1.21 0.52
RAVENSWOOD___2 23534	27.64 1.33 3.93	29.50 1.46 3.52	28.10 1.28 3.74	25.84 1.19 4.04	30.74 1.29 3.20	36.36 1.53 2.28	35.93 1.50 2.35	28.93 1.34 3.50	36.85 1.38 2.27	47.78 1.65 0.45	55.47 1.52 0.00	57.59 1.17 0.00	52.67 1.51 3.61	54.78 1.63 0.44	55.72 1.86 0.43	52.13 1.80 0.00	51.13 1.97 4.01	54.45 1.93 0.00	54.55 1.81 -3.39	58.12 2.10 -1.71	55.47 1.57 -6.34	43.10 1.39 1.43	38.67 1.16 1.33	43.50 1.21 0.52
RAVENSWOOD___3 23535	31.48 1.24 0.00	32.94 1.38 0.00	31.77 1.21 0.00	29.82 1.13 0.00	33.87 1.22 0.00	38.56 1.44 0.00	38.19 1.40 0.00	32.36 1.27 0.00	39.01 1.26 0.00	48.10 1.52 0.00	55.34 1.39 0.00	57.46 1.04 0.00	56.11 1.35 0.00	55.07 1.47 0.00	56.00 1.71 0.00	51.99 1.66 0.00	54.99 1.82 0.00	54.30 1.78 0.00	51.01 1.65 0.00	56.27 1.95 0.00	49.00 1.43 0.00	44.42 1.28 0.00	39.89 1.05 0.00	43.93 1.13 0.00
RAVENSWOOD___4 23820	27.64 1.33 3.93	29.50 1.46 3.52	28.10 1.28 3.74	25.84 1.19 4.04	30.74 1.29 3.20	36.36 1.53 2.28	35.93 1.50 2.35	28.93 1.34 3.50	36.85 1.38 2.27	47.78 1.65 0.45	55.47 1.52 0.00	57.59 1.17 0.00	52.67 1.51 3.61	54.78 1.63 0.44	55.72 1.86 0.43	52.13 1.80 0.00	51.13 1.97 4.01	54.45 1.93 0.00	54.55 1.81 -3.39	58.12 2.10 -1.71	55.47 1.57 -6.34	43.10 1.39 1.43	38.67 1.16 1.33	43.50 1.21 0.52
RCPL_TRUST___DRP 24196	31.44 1.20 0.00	32.91 1.35 0.00	31.74 1.18 0.00	29.79 1.09 0.00	33.83 1.19 0.00	38.52 1.40 0.00	38.15 1.37 0.00	32.33 1.24 0.00	38.97 1.23 0.00	48.08 1.50 0.00	55.30 1.35 0.00	57.40 0.98 0.00	56.05 1.29 0.00	55.01 1.41 0.00	55.95 1.66 0.00	51.95 1.62 0.00	54.95 1.78 0.00	54.25 1.73 0.00	50.94 1.60 0.00	56.21 1.89 0.00	48.92 1.36 0.00	44.34 1.21 0.00	39.83 0.99 0.00	43.87 1.07 0.00
RED___ROCHESTER 323720	29.21 -1.03 0.00	30.16 -1.18 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.10 -0.99 0.00	37.06 -0.68 0.00	45.56 -1.02 0.00	53.14 -0.81 0.00	56.05 -0.37 0.00	53.73 -1.03 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.45 -0.89 0.00	52.15 -1.02 0.00	51.34 -1.18 0.00	48.65 -0.70 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.39 0.00
REGAN___SOLAR 323812	31.85 1.61 0.00	33.18 1.62 0.00	32.08 1.52 0.00	30.11 1.42 0.00	34.34 1.69 0.00	39.10 1.98 0.00	38.86 2.07 0.00	32.93 1.85 0.00	40.01 2.27 0.00	49.51 2.93 0.00	57.01 3.06 0.00	59.96 3.54 0.00	58.15 3.39 0.00	56.85 3.25 0.00	57.65 3.36 0.00	53.51 3.18 0.00	56.50 3.33 0.00	55.86 3.34 0.00	52.62 3.27 0.00	57.93 3.61 0.00	50.69 3.12 0.00	45.83 2.69 0.00	41.13 2.29 0.00	45.26 2.45 0.00
RENSSELAER___COGEN 23796	30.64 0.40 0.00	32.02 0.46 0.00	31.08 0.52 0.00	29.24 0.55 0.00	33.17 0.53 0.00	37.69 0.57 0.00	37.23 0.44 0.00	31.37 0.28 0.00	37.73 -0.02 0.00	46.54 -0.04 0.00	53.73 -0.22 0.00	56.07 -0.35 0.00	54.62 -0.15 0.00	53.50 -0.09 0.00	54.25 -0.04 0.00	50.34 0.00 0.00	53.19 0.01 0.00	52.71 0.19 0.00	49.48 0.13 0.00	54.44 0.13 0.00	47.57 0.00 0.00	43.15 0.01 0.00	38.85 0.01 0.00	42.80 -0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.15 2.91 0.00	34.46 2.90 0.00	33.43 2.87 0.00	31.52 2.82 0.00	35.85 3.21 0.00	40.22 3.10 0.00	39.93 3.14 0.00	33.81 2.73 0.00	40.85 3.11 0.00	50.54 3.96 0.00	58.26 4.31 0.00	60.95 4.53 0.00	59.49 4.73 0.00	58.05 4.45 0.00	58.97 4.69 0.00	54.72 4.39 0.00	58.06 4.89 0.00	58.41 5.89 0.00	54.94 5.58 0.00	60.43 6.11 0.00	52.67 5.10 0.00	47.43 4.29 0.00	42.30 3.46 0.00	46.68 3.88 0.00
REVERE_CPPR_DRP 24186	31.02 0.78 0.00	32.36 0.80 0.00	31.32 0.76 0.00	29.38 0.68 0.00	33.48 0.84 0.00	38.16 1.05 0.00	37.92 1.13 0.00	32.14 1.05 0.00	39.05 1.31 0.00	48.31 1.73 0.00	56.04 2.09 0.00	58.72 2.30 0.00	56.90 2.14 0.00	55.69 2.09 0.00	56.39 2.10 0.00	52.22 1.88 0.00	55.25 2.08 0.00	54.62 2.09 0.00	51.43 2.08 0.00	56.55 2.24 0.00	49.44 1.88 0.00	44.73 1.58 0.00	40.20 1.36 0.00	44.17 1.36 0.00
REYNOLDS_115KV_TB3 80639	30.77 0.53 0.00	32.19 0.63 0.00	31.25 0.69 0.00	29.39 0.69 0.00	33.37 0.73 0.00	37.89 0.78 0.00	37.42 0.64 0.00	31.57 0.49 0.00	37.97 0.23 0.00	46.84 0.25 0.00	54.06 0.11 0.00	56.42 0.00 0.00	54.95 0.19 0.00	53.83 0.23 0.00	54.58 0.29 0.00	50.64 0.30 0.00	53.47 0.30 0.00	53.04 0.52 0.00	49.78 0.43 0.00	54.77 0.46 0.00	47.86 0.29 0.00	43.42 0.28 0.00	39.13 0.29 0.00	43.12 0.31 0.00
RIVERBAY____ 323610	31.45 1.20 -0.01	32.93 1.36 -0.01	31.75 1.18 -0.01	29.79 1.09 -0.01	33.82 1.18 0.00	38.53 1.41 -0.01	38.20 1.40 -0.01	32.34 1.25 -0.01	39.00 1.26 0.00	48.08 1.50 0.00	55.27 1.32 0.00	57.40 0.98 0.00	56.07 1.31 0.00	54.98 1.39 0.00	55.90 1.61 0.00	51.89 1.56 0.00	54.90 1.73 0.00	54.24 1.72 0.00	50.94 1.59 0.00	56.17 1.84 -0.01	48.87 1.30 -0.01	44.31 1.17 -0.01	39.83 0.99 0.00	43.94 1.14 0.00
RIVERSDE_115KV_TB3 55908	30.73 0.49 0.00	32.13 0.57 0.00	31.19 0.63 0.00	29.33 0.64 0.00	33.30 0.65 0.00	37.82 0.70 0.00	37.36 0.57 0.00	31.49 0.40 0.00	37.88 0.13 0.00	46.73 0.15 0.00	53.94 -0.01 0.00	56.30 -0.12 0.00	54.84 0.08 0.00	53.72 0.12 0.00	54.46 0.17 0.00	50.53 0.20 0.00	53.39 0.22 0.00	52.93 0.40 0.00	49.68 0.33 0.00	54.66 0.34 0.00	47.76 0.19 0.00	43.32 0.18 0.00	39.02 0.18 0.00	42.98 0.18 0.00
ROARING___BROOK_WT_PWR 323790	30.14 -0.11 0.00	31.43 -0.13 0.00	30.41 -0.15 0.00	28.63 -0.07 0.00	32.64 0.00 0.00	37.11 0.00 0.00	36.78 -0.01 0.00	31.03 -0.06 0.00	37.79 0.05 0.00	46.73 0.15 0.00	54.21 0.26 0.00	56.73 0.31 0.00	54.99 0.23 0.00	53.80 0.20 0.00	54.49 0.20 0.00	50.53 0.20 0.00	53.35 0.18 0.00	52.72 0.19 0.00	49.51 0.16 0.00	54.45 0.14 0.00	47.71 0.15 0.00	43.26 0.12 0.00	38.94 0.10 0.00	42.87 0.06 0.00

ROCHESRG_115KV_T4 355643	28.58 -1.32 0.34	28.67 -1.47 1.43	28.16 -1.36 1.04	27.36 -1.33 0.00	31.24 -1.41 0.00	35.58 -1.54 0.00	35.28 -1.51 0.00	28.70 -1.32 1.08	35.16 -1.10 1.48	44.42 -1.57 0.59	52.52 -1.43 0.00	55.38 -1.04 0.00	53.10 -1.66 0.00	51.88 -1.72 0.00	52.47 -1.82 0.00	48.84 -1.49 0.00	51.50 -1.68 0.00	50.70 -1.82 0.00	48.03 -1.32 0.00	52.89 -1.42 0.00	46.67 -0.89 0.00	42.23 -0.92 0.00	38.21 -0.63 0.00	41.97 -0.84 0.00
ROCHESTER_9_IC 23652	29.07 -1.17 0.00	30.03 -1.32 0.22	28.74 -1.22 0.60	27.50 -1.20 0.00	31.39 -1.25 0.00	35.76 -1.36 0.00	35.45 -1.33 0.00	29.94 -1.15 0.00	36.85 -0.90 0.00	45.29 -1.29 0.00	52.85 -1.10 0.00	55.72 -0.70 0.00	53.43 -1.33 0.00	52.20 -1.40 0.00	52.80 -1.49 0.00	49.16 -1.18 0.00	51.83 -1.34 0.00	51.02 -1.50 0.00	48.34 -1.01 0.00	53.25 -1.07 0.00	46.98 -0.59 0.00	42.50 -0.64 0.00	38.43 -0.41 0.00	42.19 -0.61 0.00
ROCKVIEW_13_KV_LD 356306	31.48 1.24 0.00	32.94 1.38 0.00	31.78 1.22 0.00	29.82 1.12 0.00	33.87 1.23 0.00	38.55 1.44 0.00	38.20 1.41 0.00	32.36 1.28 0.00	39.00 1.25 0.00	48.08 1.50 0.00	55.33 1.38 0.00	57.47 1.05 0.00	56.10 1.34 0.00	55.06 1.46 0.00	56.00 1.71 0.00	52.00 1.67 0.00	55.03 1.86 0.00	54.35 1.83 0.00	51.06 1.71 0.00	56.35 2.04 0.00	49.09 1.52 0.00	44.50 1.36 0.00	39.97 1.12 0.00	44.03 1.22 0.00
ROME____115KV_TB2 80656	31.02 0.78 0.00	32.36 0.80 0.00	31.32 0.76 0.00	29.38 0.68 0.00	33.48 0.84 0.00	38.16 1.05 0.00	37.92 1.13 0.00	32.14 1.05 0.00	39.05 1.31 0.00	48.31 1.73 0.00	56.04 2.09 0.00	58.72 2.30 0.00	56.90 2.14 0.00	55.69 2.09 0.00	56.39 2.10 0.00	52.22 1.88 0.00	55.25 2.08 0.00	54.62 2.09 0.00	51.43 2.08 0.00	56.55 2.24 0.00	49.44 1.88 0.00	44.73 1.58 0.00	40.20 1.36 0.00	44.17 1.36 0.00
ROSETON___1 23587	31.09 0.85 0.00	32.54 0.98 0.00	31.44 0.88 0.00	29.52 0.81 0.00	33.53 0.89 0.00	38.16 1.04 0.00	37.78 0.99 0.00	31.99 0.90 0.00	38.54 0.79 0.00	47.50 0.92 0.00	54.71 0.76 0.00	56.91 0.49 0.00	55.53 0.77 0.00	54.49 0.89 0.00	55.36 1.07 0.00	51.37 1.04 0.00	54.34 1.17 0.00	53.73 1.21 0.00	50.46 1.11 0.00	55.62 1.31 0.00	48.51 0.94 0.00	43.97 0.83 0.00	39.50 0.66 0.00	43.51 0.70 0.00
ROSETON___2 23588	31.09 0.85 0.00	32.54 0.98 0.00	31.44 0.88 0.00	29.52 0.81 0.00	33.53 0.89 0.00	38.16 1.04 0.00	37.78 0.99 0.00	31.99 0.90 0.00	38.54 0.79 0.00	47.50 0.92 0.00	54.71 0.76 0.00	56.91 0.49 0.00	55.53 0.77 0.00	54.49 0.89 0.00	55.36 1.07 0.00	51.37 1.04 0.00	54.34 1.17 0.00	53.73 1.21 0.00	50.46 1.11 0.00	55.62 1.31 0.00	48.51 0.94 0.00	43.97 0.83 0.00	39.50 0.66 0.00	43.51 0.70 0.00
ROTRRDAM_115KV_TB3 80664	30.92 0.68 0.00	32.31 0.75 0.00	31.30 0.74 0.00	29.39 0.69 0.00	33.44 0.79 0.00	38.00 0.88 0.00	37.63 0.85 0.00	31.84 0.75 0.00	38.49 0.75 0.00	47.49 0.91 0.00	54.87 0.93 0.00	57.34 0.92 0.00	55.76 1.00 0.00	54.61 1.01 0.00	55.35 1.06 0.00	51.30 0.97 0.00	54.21 1.04 0.00	53.65 1.13 0.00	50.42 1.07 0.00	55.49 1.18 0.00	48.53 0.96 0.00	44.00 0.86 0.00	39.58 0.73 0.00	43.59 0.78 0.00
RUSSELL___1 23602	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
RUSSELL___2 23532	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
RUSSELL___3 23549	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
RUSSELL___4 23556	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
RUSSELL___STATION 23914	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
S SALMON___HYD 24043	29.84 -0.40 0.00	31.14 -0.42 0.00	30.16 -0.39 0.00	28.28 -0.42 0.00	32.25 -0.39 0.00	36.76 -0.35 0.00	36.46 -0.33 0.00	30.92 -0.17 0.00	37.60 -0.14 0.00	46.45 -0.12 0.00	53.88 -0.07 0.00	56.39 -0.03 0.00	54.60 -0.16 0.00	53.31 -0.29 0.00	54.08 -0.21 0.00	50.10 -0.24 0.00	52.89 -0.28 0.00	52.15 -0.38 0.00	49.14 -0.21 0.00	54.13 -0.18 0.00	47.44 -0.13 0.00	42.92 -0.22 0.00	38.63 -0.22 0.00	42.52 -0.29 0.00
S.PERRY__115KV_TB1 80734	35.80 -1.21 -6.77	53.32 -1.48 -23.24	36.39 -1.42 -7.25	27.33 -1.37 0.00	31.20 -1.44 0.00	35.65 -1.47 0.00	35.43 -1.36 0.00	51.05 -1.14 -21.10	65.80 -1.01 -29.07	56.74 -1.43 -11.59	52.92 -1.03 0.00	56.16 -0.26 0.00	53.62 -1.14 0.00	52.68 -0.92 0.00	53.25 -1.04 0.00	49.42 -0.92 0.00	52.36 -0.81 0.00	51.73 -0.79 0.00	49.40 0.05 0.00	54.71 0.39 0.00	48.39 0.82 0.00	43.71 0.57 0.00	39.50 0.66 0.00	43.15 0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.53 -2.29 1.42	23.64 -2.59 5.33	25.40 -2.37 2.79	26.43 -2.27 0.00	30.21 -2.43 0.00	34.41 -2.70 0.00	34.08 -2.71 0.00	24.17 -2.49 4.43	29.35 -2.29 6.10	41.05 -3.10 2.43	51.06 -2.89 0.00	54.17 -2.25 0.00	51.52 -3.24 0.00	50.23 -3.37 0.00	50.80 -3.49 0.00	47.42 -2.91 0.00	49.95 -3.22 0.00	49.10 -3.43 0.00	46.76 -2.59 0.00	51.49 -2.82 0.00	45.73 -1.84 0.00	41.38 -1.76 0.00	37.67 -1.17 0.00	41.28 -1.52 0.00

SAWYER___23_KV_LOAD 55526	26.53 -2.29 1.42	23.64 -2.59 5.33	25.40 -2.37 2.79	26.43 -2.27 0.00	30.21 -2.43 0.00	34.41 -2.70 0.00	34.08 -2.71 0.00	24.17 -2.49 4.43	29.35 -2.29 6.10	41.05 -3.10 2.43	51.06 -2.89 0.00	54.17 -2.25 0.00	51.52 -3.24 0.00	50.23 -3.37 0.00	50.80 -3.49 0.00	47.42 -2.91 0.00	49.95 -3.22 0.00	49.10 -3.43 0.00	46.76 -2.59 0.00	51.49 -2.82 0.00	45.73 -1.84 0.00	41.38 -1.76 0.00	37.67 -1.17 0.00	41.28 -1.52 0.00
SELKIRK___I 23801	30.80 0.57 0.00	32.20 0.63 0.00	31.23 0.67 0.00	29.36 0.67 0.00	33.36 0.72 0.00	37.90 0.78 0.00	37.47 0.68 0.00	31.61 0.52 0.00	38.10 0.36 0.00	46.96 0.38 0.00	54.26 0.31 0.00	56.60 0.18 0.00	55.11 0.35 0.00	54.00 0.40 0.00	54.70 0.41 0.00	50.78 0.45 0.00	53.67 0.50 0.00	53.18 0.65 0.00	49.95 0.60 0.00	54.97 0.66 0.00	48.07 0.50 0.00	43.60 0.46 0.00	39.24 0.39 0.00	43.23 0.42 0.00
SELKIRK___II 23799	30.68 0.44 0.00	32.06 0.50 0.00	31.10 0.54 0.00	29.24 0.54 0.00	33.19 0.55 0.00	37.72 0.61 0.00	37.29 0.50 0.00	31.47 0.38 0.00	37.91 0.17 0.00	46.75 0.17 0.00	53.99 0.04 0.00	56.33 -0.09 0.00	54.85 0.08 0.00	53.74 0.15 0.00	54.47 0.19 0.00	50.56 0.22 0.00	53.44 0.26 0.00	52.91 0.39 0.00	49.69 0.34 0.00	54.68 0.37 0.00	47.80 0.23 0.00	43.36 0.22 0.00	39.03 0.19 0.00	42.99 0.19 0.00
SENECA OSWGO___HYD 24041	29.62 -0.62 0.00	30.90 -0.66 0.00	29.93 -0.63 0.00	28.08 -0.62 0.00	31.95 -0.69 0.00	36.38 -0.74 0.00	36.07 -0.72 0.00	30.55 -0.54 0.00	37.14 -0.61 0.00	45.76 -0.82 0.00	53.06 -0.89 0.00	55.58 -0.84 0.00	53.86 -0.90 0.00	52.66 -0.94 0.00	53.32 -0.97 0.00	49.40 -0.94 0.00	52.17 -1.00 0.00	51.40 -1.12 0.00	48.44 -0.91 0.00	53.33 -0.98 0.00	46.75 -0.82 0.00	42.33 -0.82 0.00	38.14 -0.70 0.00	42.07 -0.74 0.00
SENECA___115KV_TB3 355854	26.95 -2.07 1.22	24.52 -2.40 4.65	25.79 -2.18 2.59	26.64 -2.06 0.00	30.46 -2.19 0.00	34.71 -2.41 0.00	34.41 -2.38 0.00	25.06 -2.23 3.80	30.50 -2.01 5.23	41.79 -2.70 2.09	51.58 -2.37 0.00	54.71 -1.71 0.00	52.08 -2.68 0.00	50.76 -2.84 0.00	51.33 -2.96 0.00	47.92 -2.42 0.00	50.49 -2.67 0.00	49.64 -2.88 0.00	47.31 -2.04 0.00	52.10 -2.22 0.00	46.25 -1.32 0.00	41.83 -1.30 0.00	38.07 -0.78 0.00	41.68 -1.12 0.00
SENECA___ENERGY 23797	29.88 -0.82 -0.46	32.19 -0.91 -1.54	30.07 -0.88 -0.39	27.83 -0.86 0.00	31.71 -0.93 0.00	36.13 -0.98 0.00	35.85 -0.94 0.00	31.78 -0.74 -1.43	38.96 -0.75 -1.97	46.39 -0.97 -0.79	53.07 -0.87 0.00	55.70 -0.72 0.00	53.89 -0.87 0.00	52.69 -0.90 0.00	53.30 -0.99 0.00	49.53 -0.80 0.00	52.40 -0.77 0.00	51.70 -0.82 0.00	48.88 -0.47 0.00	53.84 -0.47 0.00	47.30 -0.27 0.00	42.84 -0.30 0.00	38.59 -0.26 0.00	42.44 -0.37 0.00
SHOEMAKER___GT 23640	30.95 0.71 0.00	32.37 0.80 0.00	31.26 0.70 0.00	29.34 0.64 0.00	33.35 0.71 0.00	37.96 0.85 0.00	37.59 0.80 0.00	31.82 0.73 0.00	38.36 0.62 0.00	47.21 0.62 0.00	54.38 0.43 0.00	56.55 0.13 0.00	55.19 0.42 0.00	54.22 0.63 0.00	55.07 0.78 0.00	51.05 0.72 0.00	54.08 0.91 0.00	53.52 1.00 0.00	50.30 0.95 0.00	55.46 1.15 0.00	48.39 0.82 0.00	43.84 0.70 0.00	39.40 0.56 0.00	43.40 0.59 0.00
SHOEMAKR_138KV_BK 111 55601	30.93 0.69 0.00	32.35 0.79 0.00	31.24 0.68 0.00	29.33 0.63 0.00	33.34 0.70 0.00	37.95 0.83 0.00	37.57 0.78 0.00	31.81 0.72 0.00	38.36 0.62 0.00	47.22 0.64 0.00	54.39 0.45 0.00	56.58 0.16 0.00	55.22 0.46 0.00	54.23 0.63 0.00	55.08 0.80 0.00	51.08 0.75 0.00	54.08 0.91 0.00	53.51 0.99 0.00	50.27 0.92 0.00	55.42 1.10 0.00	48.36 0.79 0.00	43.82 0.68 0.00	39.39 0.54 0.00	43.37 0.57 0.00
SHOREHAM_IC_1 23715	31.28 1.04 0.00	32.97 1.41 0.00	31.77 1.21 0.00	29.87 1.18 0.00	33.72 1.08 0.00	38.69 1.57 0.00	38.75 1.97 0.00	32.87 1.79 0.00	38.86 1.12 0.00	47.37 0.79 0.00	54.45 0.51 0.00	55.48 -0.94 0.00	54.08 -0.68 0.00	52.72 -0.88 0.00	54.03 -0.26 0.00	51.05 0.72 0.00	54.16 0.99 0.00	54.26 1.58 -0.15	50.47 1.12 0.00	56.53 1.78 -0.43	48.76 1.19 0.00	44.39 1.25 0.00	39.38 0.54 0.00	43.90 1.09 0.00
SHOREHAM_IC_2 23716	31.28 1.04 0.00	32.97 1.41 0.00	31.77 1.21 0.00	29.87 1.18 0.00	33.72 1.08 0.00	38.69 1.57 0.00	38.75 1.97 0.00	32.87 1.79 0.00	38.86 1.12 0.00	47.37 0.79 0.00	54.45 0.51 0.00	55.48 -0.94 0.00	54.08 -0.68 0.00	52.72 -0.88 0.00	54.03 -0.26 0.00	51.05 0.72 0.00	54.16 0.99 0.00	54.26 1.58 -0.15	50.47 1.12 0.00	56.53 1.78 -0.43	48.76 1.19 0.00	44.39 1.25 0.00	39.38 0.54 0.00	43.90 1.09 0.00
SISSONVILLE____ 23735	30.06 -0.18 0.00	31.29 -0.27 0.00	30.27 -0.29 0.00	28.42 -0.28 0.00	32.32 -0.32 0.00	36.77 -0.35 0.00	36.57 -0.22 0.00	30.77 -0.31 0.00	37.65 -0.09 0.00	46.74 0.16 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.03 0.27 0.00	53.69 0.09 0.00	54.40 0.11 0.00	50.46 0.12 0.00	53.27 0.10 0.00	52.71 0.19 0.00	49.51 0.16 0.00	54.45 0.13 0.00	47.79 0.22 0.00	43.33 0.19 0.00	38.97 0.13 0.00	42.89 0.09 0.00
SITHE_IND_GS1 24169	29.42 -0.83 0.00	30.69 -0.87 0.00	29.73 -0.83 0.00	27.91 -0.79 0.00	31.76 -0.88 0.00	36.10 -1.01 0.00	35.80 -0.99 0.00	30.29 -0.80 0.00	36.81 -0.93 0.00	45.38 -1.20 0.00	52.60 -1.34 0.00	55.09 -1.34 0.00	53.40 -1.37 0.00	52.24 -1.36 0.00	52.84 -1.45 0.00	48.93 -1.40 0.00	51.64 -1.53 0.00	50.89 -1.63 0.00	47.90 -1.45 0.00	52.73 -1.58 0.00	46.24 -1.33 0.00	41.90 -1.25 0.00	37.76 -1.08 0.00	41.72 -1.09 0.00
SITHE_IND_GS2 24170	29.42 -0.83 0.00	30.69 -0.87 0.00	29.73 -0.83 0.00	27.91 -0.79 0.00	31.76 -0.88 0.00	36.10 -1.01 0.00	35.80 -0.99 0.00	30.29 -0.80 0.00	36.81 -0.93 0.00	45.38 -1.20 0.00	52.60 -1.34 0.00	55.09 -1.34 0.00	53.40 -1.37 0.00	52.24 -1.36 0.00	52.84 -1.45 0.00	48.93 -1.40 0.00	51.64 -1.53 0.00	50.89 -1.63 0.00	47.90 -1.45 0.00	52.73 -1.58 0.00	46.24 -1.33 0.00	41.90 -1.25 0.00	37.76 -1.08 0.00	41.72 -1.09 0.00
SITHE_IND_GS3 24171	29.42 -0.83 0.00	30.69 -0.87 0.00	29.73 -0.83 0.00	27.91 -0.79 0.00	31.76 -0.88 0.00	36.10 -1.01 0.00	35.80 -0.99 0.00	30.29 -0.80 0.00	36.81 -0.93 0.00	45.38 -1.20 0.00	52.60 -1.34 0.00	55.09 -1.34 0.00	53.40 -1.37 0.00	52.24 -1.36 0.00	52.84 -1.45 0.00	48.93 -1.40 0.00	51.64 -1.53 0.00	50.89 -1.63 0.00	47.90 -1.45 0.00	52.73 -1.58 0.00	46.24 -1.33 0.00	41.90 -1.25 0.00	37.76 -1.08 0.00	41.72 -1.09 0.00
SITHE_IND_GS4 24172	29.42 -0.83 0.00	30.69 -0.87 0.00	29.73 -0.83 0.00	27.91 -0.79 0.00	31.76 -0.88 0.00	36.10 -1.01 0.00	35.80 -0.99 0.00	30.29 -0.80 0.00	36.81 -0.93 0.00	45.38 -1.20 0.00	52.60 -1.34 0.00	55.09 -1.34 0.00	53.40 -1.37 0.00	52.24 -1.36 0.00	52.84 -1.45 0.00	48.93 -1.40 0.00	51.64 -1.53 0.00	50.89 -1.63 0.00	47.90 -1.45 0.00	52.73 -1.58 0.00	46.24 -1.33 0.00	41.90 -1.25 0.00	37.76 -1.08 0.00	41.72 -1.09 0.00

SITHE___BATAVIA 24024	27.78 -1.33 1.12	25.71 -1.62 4.23	26.90 -1.43 2.24	27.32 -1.38 0.00	31.24 -1.40 0.00	35.62 -1.50 0.00	35.28 -1.51 0.00	26.20 -1.39 3.50	31.96 -0.96 4.82	43.28 -1.38 1.92	52.90 -1.05 0.00	55.96 -0.45 0.00	53.24 -1.52 0.00	51.90 -1.70 0.00	52.59 -1.70 0.00	49.16 -1.17 0.00	51.80 -1.37 0.00	51.00 -1.52 0.00	48.51 -0.84 0.00	53.39 -0.93 0.00	47.28 -0.28 0.00	42.75 -0.39 0.00	38.79 -0.05 0.00	42.47 -0.34 0.00
SITHE___INDEPEND 23800	29.41 -0.83 0.00	30.69 -0.87 0.00	29.73 -0.83 0.00	27.91 -0.79 0.00	31.76 -0.89 0.00	36.10 -1.02 0.00	35.80 -0.99 0.00	30.29 -0.80 0.00	36.81 -0.93 0.00	45.38 -1.20 0.00	52.60 -1.34 0.00	55.09 -1.34 0.00	53.39 -1.37 0.00	52.24 -1.36 0.00	52.84 -1.45 0.00	48.94 -1.40 0.00	51.64 -1.53 0.00	50.89 -1.63 0.00	47.90 -1.45 0.00	52.74 -1.58 0.00	46.24 -1.33 0.00	41.90 -1.25 0.00	37.76 -1.08 0.00	41.71 -1.09 0.00
SITHE___MASSENA 23902	30.57 0.33 0.00	31.83 0.27 0.00	30.80 0.24 0.00	28.94 0.24 0.00	32.89 0.24 0.00	37.38 0.27 0.00	37.16 0.37 0.00	31.25 0.17 0.00	38.21 0.47 0.00	47.35 0.78 0.00	55.05 1.10 0.00	57.65 1.23 0.00	55.78 1.02 0.00	54.50 0.90 0.00	55.17 0.89 0.00	51.18 0.85 0.00	54.01 0.84 0.00	53.40 0.87 0.00	50.11 0.76 0.00	55.10 0.79 0.00	48.36 0.80 0.00	43.91 0.77 0.00	39.56 0.72 0.00	43.57 0.76 0.00
SITHE___OGDNSBRG 24021	30.94 0.70 0.00	32.19 0.63 0.00	31.17 0.61 0.00	29.27 0.58 0.00	33.29 0.65 0.00	37.86 0.75 0.00	37.65 0.86 0.00	31.67 0.58 0.00	38.77 1.03 0.00	48.09 1.51 0.00	55.74 1.79 0.00	58.32 1.90 0.00	56.44 1.68 0.00	55.00 1.40 0.00	55.67 1.39 0.00	51.66 1.32 0.00	54.65 1.47 0.00	54.10 1.58 0.00	50.87 1.52 0.00	56.01 1.70 0.00	49.20 1.63 0.00	44.64 1.50 0.00	40.16 1.32 0.00	44.19 1.39 0.00
SITHE___STERLING 23777	30.70 0.46 0.00	32.02 0.46 0.00	30.99 0.43 0.00	29.08 0.38 0.00	33.12 0.47 0.00	37.75 0.64 0.00	37.52 0.73 0.00	31.81 0.72 0.00	38.62 0.88 0.00	47.71 1.14 0.00	55.34 1.39 0.00	57.95 1.53 0.00	56.20 1.43 0.00	54.98 1.38 0.00	55.69 1.40 0.00	51.61 1.27 0.00	54.58 1.41 0.00	53.93 1.41 0.00	50.77 1.42 0.00	55.83 1.51 0.00	48.83 1.27 0.00	44.18 1.05 0.00	39.74 0.90 0.00	43.70 0.89 0.00
SLEIGHT__34_KV_TB1 80719	29.23 -1.01 0.00	30.34 -1.11 0.11	29.20 -1.04 0.31	27.67 -1.03 0.00	31.56 -1.08 0.00	35.98 -1.14 0.00	35.67 -1.12 0.00	30.17 -0.92 0.00	37.00 -0.75 0.00	45.54 -1.04 0.00	53.04 -0.91 0.00	55.76 -0.66 0.00	53.71 -1.05 0.00	52.48 -1.12 0.00	53.08 -1.21 0.00	49.36 -0.98 0.00	52.15 -1.02 0.00	51.36 -1.15 0.00	48.59 -0.76 0.00	53.47 -0.84 0.00	47.05 -0.52 0.00	42.57 -0.57 0.00	38.40 -0.44 0.00	42.22 -0.59 0.00
SOUTH CAIRO___GT 23612	31.62 1.37 0.00	33.00 1.44 0.00	32.02 1.46 0.00	30.12 1.43 0.00	34.21 1.57 0.00	38.89 1.77 0.00	38.50 1.71 0.00	32.52 1.43 0.00	39.24 1.50 0.00	48.48 1.90 0.00	55.87 1.92 0.00	58.52 2.10 0.00	57.10 2.34 0.00	55.98 2.39 0.00	56.63 2.34 0.00	52.66 2.33 0.00	55.69 2.52 0.00	55.27 2.75 0.00	51.91 2.57 0.00	57.17 2.85 0.00	49.92 2.35 0.00	45.17 2.03 0.00	40.57 1.73 0.00	44.56 1.75 0.00
SOUTH HAMPTN___IC 23720	31.28 1.04 0.00	33.10 1.54 0.00	31.85 1.29 0.00	29.95 1.25 0.00	33.70 1.06 0.00	38.65 1.53 0.00	38.66 1.87 0.00	32.78 1.69 0.00	38.82 1.09 0.00	47.50 0.92 0.00	54.86 0.91 0.00	55.95 -0.46 0.00	54.23 -0.53 0.00	52.54 -1.05 0.00	54.01 -0.27 0.00	50.99 0.66 0.00	54.19 1.02 0.00	54.31 1.64 -0.15	50.77 1.43 0.00	56.84 2.11 -0.42	49.01 1.44 0.00	44.73 1.59 0.00	39.69 0.85 0.00	44.32 1.52 0.00
SOUTHDOW_115KV_TB1 355954	27.61 -2.32 0.31	27.32 -2.72 1.53	26.42 -2.51 1.63	26.37 -2.33 0.00	30.13 -2.51 0.00	34.36 -2.75 0.00	34.25 -2.54 0.00	27.83 -2.29 0.96	34.16 -2.26 1.33	43.23 -2.82 0.53	51.86 -2.09 0.00	55.33 -1.09 0.00	53.07 -1.69 0.00	50.93 -2.67 0.00	51.72 -2.56 0.00	48.39 -1.95 0.00	51.37 -1.80 0.00	50.47 -2.06 0.00	48.29 -1.06 0.00	53.52 -0.80 0.00	47.55 -0.02 0.00	43.18 0.04 0.00	38.94 0.10 0.00	42.27 -0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	31.03 0.79 0.00	33.03 1.47 0.00	31.74 1.18 0.00	29.82 1.12 0.00	33.45 0.81 0.00	38.33 1.22 0.00	38.31 1.52 0.00	32.49 1.40 0.00	38.55 0.81 0.00	47.35 0.77 0.00	55.02 1.07 0.00	56.11 -0.32 0.00	54.00 -0.76 0.00	51.92 -1.68 0.00	53.53 -0.76 0.00	50.49 0.16 0.00	53.80 0.63 0.00	53.96 1.29 -0.15	50.73 1.38 0.00	56.77 2.04 -0.42	48.91 1.34 0.00	44.77 1.63 0.00	39.69 0.85 0.00	44.50 1.69 0.00
SOUTHOLD___IC 23719	31.03 0.79 0.00	33.03 1.47 0.00	31.74 1.18 0.00	29.82 1.12 0.00	33.45 0.81 0.00	38.33 1.22 0.00	38.30 1.52 0.00	32.49 1.40 0.00	38.55 0.81 0.00	47.33 0.75 0.00	55.01 1.06 0.00	56.11 -0.31 0.00	54.00 -0.76 0.00	51.92 -1.67 0.00	53.52 -0.77 0.00	50.50 0.17 0.00	53.82 0.66 0.00	53.96 1.29 -0.15	50.73 1.38 0.00	56.77 2.04 -0.42	48.91 1.34 0.00	44.77 1.63 0.00	39.69 0.85 0.00	44.49 1.69 0.00
SOUTH_FORK_WT_PWR 323839	30.60 0.36 0.00	32.77 1.21 0.00	31.44 0.88 0.00	29.52 0.82 0.00	33.00 0.36 0.00	37.80 0.68 0.00	37.74 0.95 0.00	32.01 0.92 0.00	38.04 0.30 0.00	46.87 0.29 0.00	54.82 0.87 0.00	55.92 -0.50 0.00	53.51 -1.25 0.00	51.06 -2.53 0.00	52.72 -1.57 0.00	49.72 -0.60 0.00	53.10 -0.07 0.00	53.23 0.56 -0.15	50.22 0.87 0.00	56.21 1.48 -0.42	48.39 0.82 0.00	44.42 1.28 0.00	39.35 0.50 0.00	44.29 1.49 0.00
SPIERFLS_115KV_TB 1 80737	31.85 1.61 0.00	33.25 1.69 0.00	32.26 1.71 0.00	30.27 1.57 0.00	34.44 1.80 0.00	39.02 1.90 0.00	38.66 1.87 0.00	32.74 1.65 0.00	39.59 1.85 0.00	48.93 2.35 0.00	56.53 2.58 0.00	59.11 2.69 0.00	57.48 2.72 0.00	56.32 2.72 0.00	57.11 2.82 0.00	52.98 2.64 0.00	56.07 2.90 0.00	55.78 3.26 0.00	52.43 3.08 0.00	57.67 3.36 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.86 2.02 0.00	44.98 2.17 0.00
ST LAWRENCE____ 23600	30.33 0.09 0.00	31.58 0.01 0.00	30.55 -0.01 0.00	28.70 0.01 0.00	32.62 -0.02 0.00	37.08 -0.03 0.00	36.83 0.04 0.00	31.00 -0.09 0.00	37.87 0.13 0.00	46.90 0.32 0.00	54.52 0.58 0.00	57.12 0.70 0.00	55.29 0.53 0.00	54.04 0.45 0.00	54.72 0.43 0.00	50.76 0.42 0.00	53.56 0.39 0.00	52.94 0.42 0.00	49.66 0.31 0.00	54.61 0.29 0.00	47.91 0.34 0.00	43.50 0.36 0.00	39.18 0.34 0.00	43.17 0.36 0.00
STATE_CA_115KV_115_LB 55624	30.79 0.55 0.00	32.17 0.61 0.00	31.22 0.66 0.00	29.38 0.68 0.00	33.31 0.67 0.00	37.86 0.74 0.00	37.41 0.63 0.00	31.54 0.45 0.00	37.96 0.21 0.00	46.82 0.24 0.00	54.05 0.10 0.00	56.45 0.03 0.00	54.97 0.20 0.00	53.86 0.26 0.00	54.60 0.31 0.00	50.66 0.33 0.00	53.52 0.35 0.00	53.04 0.52 0.00	49.78 0.44 0.00	54.80 0.48 0.00	47.88 0.31 0.00	43.43 0.29 0.00	39.09 0.24 0.00	43.05 0.24 0.00

STATE_ST_34_KV_LOAD 55959	29.97 -0.27 0.00	31.45 -0.24 -0.14	30.71 -0.23 -0.38	28.44 -0.26 0.00	32.40 -0.25 0.00	36.93 -0.19 0.00	36.54 -0.25 0.00	30.92 -0.16 0.00	37.74 0.00 0.00	46.52 -0.06 0.00	53.99 0.04 0.00	56.57 0.16 0.00	54.81 0.05 0.00	53.59 0.00 0.00	54.25 -0.04 0.00	50.30 -0.03 0.00	53.27 0.10 0.00	52.51 -0.01 0.00	49.53 0.19 0.00	54.55 0.24 0.00	47.83 0.26 0.00	43.33 0.19 0.00	38.91 0.07 0.00	42.92 0.11 0.00
STATION 5_MISC_HYD 23604	29.07 -1.17 0.00	30.04 -1.31 0.22	28.75 -1.21 0.60	27.50 -1.20 0.00	31.39 -1.25 0.00	35.76 -1.36 0.00	35.45 -1.34 0.00	29.95 -1.14 0.00	36.87 -0.87 0.00	45.32 -1.26 0.00	52.85 -1.10 0.00	55.72 -0.70 0.00	53.44 -1.33 0.00	52.20 -1.40 0.00	52.80 -1.48 0.00	49.15 -1.18 0.00	51.83 -1.34 0.00	51.02 -1.50 0.00	48.34 -1.01 0.00	53.25 -1.07 0.00	46.98 -0.59 0.00	42.50 -0.64 0.00	38.44 -0.41 0.00	42.20 -0.61 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.57 -0.67 0.00	30.62 -0.78 0.17	29.36 -0.73 0.47	27.97 -0.73 0.00	31.90 -0.74 0.00	36.35 -0.76 0.00	36.10 -0.68 0.00	30.55 -0.54 0.00	37.41 -0.34 0.00	46.07 -0.50 0.00	53.64 -0.31 0.00	56.35 -0.07 0.00	54.34 -0.42 0.00	53.10 -0.50 0.00	53.70 -0.58 0.00	49.94 -0.39 0.00	52.75 -0.42 0.00	52.03 -0.49 0.00	49.20 -0.15 0.00	54.20 -0.12 0.00	47.67 0.10 0.00	43.12 -0.01 0.00	38.89 0.05 0.00	42.72 -0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.97 -1.27 0.00	29.94 -1.41 0.21	28.66 -1.31 0.59	27.42 -1.28 0.00	31.29 -1.36 0.00	35.64 -1.48 0.00	35.34 -1.45 0.00	29.84 -1.24 0.00	36.72 -1.02 0.00	45.14 -1.44 0.00	52.66 -1.29 0.00	55.49 -0.93 0.00	53.26 -1.51 0.00	52.04 -1.56 0.00	52.63 -1.66 0.00	48.99 -1.34 0.00	51.65 -1.51 0.00	50.88 -1.65 0.00	48.18 -1.17 0.00	53.05 -1.26 0.00	46.78 -0.79 0.00	42.32 -0.82 0.00	38.26 -0.59 0.00	42.01 -0.79 0.00
STA_56___34_KV_BUS2 355983	28.97 -1.27 0.00	29.94 -1.41 0.21	28.66 -1.31 0.59	27.42 -1.28 0.00	31.29 -1.36 0.00	35.64 -1.48 0.00	35.34 -1.45 0.00	29.84 -1.24 0.00	36.72 -1.02 0.00	45.14 -1.44 0.00	52.66 -1.29 0.00	55.49 -0.93 0.00	53.26 -1.51 0.00	52.04 -1.56 0.00	52.63 -1.66 0.00	48.99 -1.34 0.00	51.65 -1.51 0.00	50.88 -1.65 0.00	48.18 -1.17 0.00	53.05 -1.26 0.00	46.78 -0.79 0.00	42.32 -0.82 0.00	38.26 -0.59 0.00	42.01 -0.79 0.00
STA_67___115KV_BK2 355882	28.70 -1.23 0.30	28.89 -1.38 1.29	28.29 -1.28 0.99	27.45 -1.25 0.00	31.33 -1.31 0.00	35.69 -1.43 0.00	35.38 -1.41 0.00	28.92 -1.22 0.95	35.45 -0.98 1.31	44.66 -1.40 0.52	52.72 -1.23 0.00	55.59 -0.83 0.00	53.30 -1.47 0.00	52.05 -1.55 0.00	52.67 -1.62 0.00	49.03 -1.31 0.00	51.71 -1.47 0.00	50.91 -1.61 0.00	48.23 -1.12 0.00	53.11 -1.21 0.00	46.85 -0.71 0.00	42.39 -0.75 0.00	38.34 -0.50 0.00	42.10 -0.70 0.00
STA_7___115KV_9TRANS 80674	29.20 -1.04 0.00	30.15 -1.19 0.22	28.87 -1.09 0.60	27.62 -1.08 0.00	31.52 -1.12 0.00	35.91 -1.20 0.00	35.62 -1.17 0.00	30.07 -1.02 0.00	37.04 -0.71 0.00	45.53 -1.05 0.00	53.14 -0.81 0.00	56.04 -0.38 0.00	53.73 -1.04 0.00	52.49 -1.11 0.00	53.12 -1.17 0.00	49.46 -0.88 0.00	52.14 -1.03 0.00	51.34 -1.18 0.00	48.66 -0.69 0.00	53.58 -0.73 0.00	47.27 -0.30 0.00	42.75 -0.39 0.00	38.65 -0.19 0.00	42.41 -0.40 0.00
STA_82___115KV_TB1 80780	29.02 -1.23 0.00	29.96 -1.38 0.22	28.68 -1.27 0.61	27.45 -1.25 0.00	31.33 -1.31 0.00	35.69 -1.42 0.00	35.39 -1.40 0.00	29.87 -1.21 0.00	36.77 -0.97 0.00	45.19 -1.39 0.00	52.73 -1.22 0.00	55.60 -0.82 0.00	53.31 -1.45 0.00	52.08 -1.52 0.00	52.68 -1.61 0.00	49.05 -1.29 0.00	51.71 -1.46 0.00	50.91 -1.61 0.00	48.23 -1.12 0.00	53.13 -1.19 0.00	46.87 -0.69 0.00	42.40 -0.74 0.00	38.36 -0.48 0.00	42.10 -0.70 0.00
STEEL___WIND 323596	26.91 -2.11 1.22	24.49 -2.42 4.65	25.73 -2.25 2.59	26.61 -2.08 0.00	30.43 -2.21 0.00	34.68 -2.44 0.00	34.38 -2.40 0.00	25.05 -2.24 3.80	30.48 -2.03 5.23	41.79 -2.70 2.09	51.51 -2.44 0.00	54.66 -1.76 0.00	52.03 -2.73 0.00	50.69 -2.91 0.00	51.27 -3.02 0.00	47.88 -2.45 0.00	50.42 -2.75 0.00	49.58 -2.94 0.00	47.25 -2.10 0.00	52.05 -2.26 0.00	46.19 -1.38 0.00	41.76 -1.37 0.00	38.02 -0.83 0.00	41.62 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	30.91 0.67 0.00	32.33 0.77 0.00	31.35 0.79 0.00	29.49 0.79 0.00	33.41 0.77 0.00	38.00 0.88 0.00	37.61 0.82 0.00	31.73 0.64 0.00	38.20 0.46 0.00	47.19 0.61 0.00	54.43 0.48 0.00	56.88 0.46 0.00	55.30 0.54 0.00	54.24 0.64 0.00	54.95 0.66 0.00	50.98 0.64 0.00	53.92 0.76 0.00	53.41 0.89 0.00	50.04 0.69 0.00	55.31 0.99 0.00	48.21 0.64 0.00	43.69 0.55 0.00	39.32 0.48 0.00	43.28 0.47 0.00
STEUBEN_REC_LFGE 323667	31.82 -2.93 -4.52	42.86 -3.32 -14.62	29.60 -3.35 -2.39	25.58 -3.13 0.00	29.27 -3.37 0.00	33.28 -3.84 0.00	33.13 -3.66 0.00	42.07 -3.09 -14.08	53.39 -3.74 -19.39	49.78 -4.54 -7.73	49.71 -4.24 0.00	53.09 -3.33 0.00	51.33 -3.44 0.00	50.84 -2.76 0.00	51.46 -2.82 0.00	47.63 -2.70 0.00	50.82 -2.35 0.00	50.20 -2.32 0.00	48.14 -1.21 0.00	53.55 -0.76 0.00	47.32 -0.25 0.00	42.93 -0.21 0.00	38.74 -0.10 0.00	42.12 -0.68 0.00
STILLWATER___SOLAR 323814	31.46 1.22 0.00	32.88 1.32 0.00	31.91 1.35 0.00	29.99 1.29 0.00	34.10 1.46 0.00	38.69 1.58 0.00	38.31 1.52 0.00	32.40 1.32 0.00	39.14 1.39 0.00	48.31 1.73 0.00	55.82 1.87 0.00	58.32 1.90 0.00	56.72 1.96 0.00	55.55 1.95 0.00	56.31 2.03 0.00	52.21 1.88 0.00	55.21 2.03 0.00	54.79 2.27 0.00	51.48 2.13 0.00	56.65 2.33 0.00	49.49 1.92 0.00	44.84 1.70 0.00	40.27 1.43 0.00	44.36 1.55 0.00
STONY___BROOK 24151	31.63 1.38 0.00	33.19 1.62 0.00	31.97 1.41 0.00	30.04 1.34 0.00	33.95 1.31 0.00	38.83 1.72 0.00	38.74 1.95 0.00	32.87 1.78 0.00	39.05 1.31 0.00	47.79 1.21 0.00	55.03 1.08 0.00	56.37 -0.05 0.00	54.98 0.22 0.00	53.76 0.16 0.00	54.94 0.66 0.00	51.86 1.53 0.00	54.94 1.77 0.00	54.75 2.07 -0.17	51.06 1.71 0.00	56.96 2.20 -0.44	49.08 1.51 0.00	44.63 1.49 0.00	39.78 0.94 0.00	44.12 1.32 0.00
STURGEON_POOL_HYD 23609	31.24 1.00 0.00	32.69 1.13 0.00	31.57 1.01 0.00	29.63 0.93 0.00	33.68 1.03 0.00	38.32 1.21 0.00	37.96 1.17 0.00	32.17 1.08 0.00	38.74 1.01 0.00	47.77 1.20 0.00	54.94 0.99 0.00	57.19 0.77 0.00	55.75 0.99 0.00	54.76 1.16 0.00	55.68 1.39 0.00	51.67 1.34 0.00	54.69 1.52 0.00	54.09 1.57 0.00	50.85 1.50 0.00	56.07 1.75 0.00	48.89 1.32 0.00	44.30 1.17 0.00	39.80 0.95 0.00	43.81 1.01 0.00
ST_LAW_115_BK7_LBMP 345037	30.34 0.10 0.00	31.59 0.03 0.00	30.57 0.01 0.00	28.71 0.01 0.00	32.63 -0.01 0.00	37.09 -0.02 0.00	36.84 0.05 0.00	31.00 -0.09 0.00	37.89 0.14 0.00	46.93 0.35 0.00	54.57 0.63 0.00	57.14 0.72 0.00	55.30 0.54 0.00	54.06 0.46 0.00	54.73 0.45 0.00	50.77 0.43 0.00	53.56 0.39 0.00	52.95 0.42 0.00	49.66 0.31 0.00	54.61 0.29 0.00	47.93 0.36 0.00	43.52 0.38 0.00	39.20 0.36 0.00	43.19 0.39 0.00

ST_LAW_115_BK8_LBMP 345038	30.34 0.10 0.00	31.59 0.03 0.00	30.57 0.01 0.00	28.71 0.01 0.00	32.63 -0.01 0.00	37.09 -0.02 0.00	36.84 0.05 0.00	31.00 -0.09 0.00	37.89 0.14 0.00	46.93 0.35 0.00	54.57 0.63 0.00	57.14 0.72 0.00	55.30 0.54 0.00	54.06 0.46 0.00	54.73 0.45 0.00	50.77 0.43 0.00	53.56 0.39 0.00	52.95 0.42 0.00	49.66 0.31 0.00	54.61 0.29 0.00	47.93 0.36 0.00	43.52 0.38 0.00	39.20 0.36 0.00	43.19 0.39 0.00
ST_LAW_230_BK5_LBMP 345035	30.33 0.09 0.00	31.58 0.01 0.00	30.55 -0.01 0.00	28.70 0.01 0.00	32.62 -0.02 0.00	37.08 -0.03 0.00	36.83 0.04 0.00	31.00 -0.09 0.00	37.87 0.13 0.00	46.90 0.32 0.00	54.52 0.58 0.00	57.12 0.70 0.00	55.29 0.53 0.00	54.04 0.45 0.00	54.72 0.43 0.00	50.76 0.42 0.00	53.56 0.39 0.00	52.94 0.42 0.00	49.66 0.31 0.00	54.61 0.29 0.00	47.91 0.34 0.00	43.50 0.36 0.00	39.18 0.34 0.00	43.17 0.36 0.00
ST_LAW_230_BK6_LBMP 345036	30.33 0.09 0.00	31.58 0.01 0.00	30.55 -0.01 0.00	28.70 0.01 0.00	32.62 -0.02 0.00	37.08 -0.03 0.00	36.83 0.04 0.00	31.00 -0.09 0.00	37.87 0.13 0.00	46.90 0.32 0.00	54.52 0.58 0.00	57.12 0.70 0.00	55.29 0.53 0.00	54.04 0.45 0.00	54.72 0.43 0.00	50.76 0.42 0.00	53.56 0.39 0.00	52.94 0.42 0.00	49.66 0.31 0.00	54.61 0.29 0.00	47.91 0.34 0.00	43.50 0.36 0.00	39.18 0.34 0.00	43.17 0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.02 0.78 0.00	32.46 0.90 0.00	31.33 0.77 0.00	29.41 0.71 0.00	33.42 0.78 0.00	38.06 0.94 0.00	37.67 0.89 0.00	31.90 0.81 0.00	38.47 0.73 0.00	47.40 0.82 0.00	54.58 0.64 0.00	56.76 0.34 0.00	55.46 0.70 0.00	54.42 0.82 0.00	55.30 1.01 0.00	51.31 0.98 0.00	54.30 1.13 0.00	53.67 1.15 0.00	50.40 1.05 0.00	55.56 1.24 0.00	48.45 0.88 0.00	43.89 0.75 0.00	39.46 0.62 0.00	43.47 0.66 0.00
SWANROAD_115KV_TB1 355699	25.96 -2.71 1.58	22.52 -3.16 5.88	24.80 -2.81 2.95	26.05 -2.64 0.00	29.82 -2.82 0.00	33.95 -3.17 0.00	33.49 -3.30 0.00	23.06 -3.11 4.92	27.97 -2.99 6.78	39.89 -3.99 2.70	50.01 -3.94 0.00	53.06 -3.36 0.00	50.38 -4.39 0.00	49.15 -4.45 0.00	49.71 -4.57 0.00	46.47 -3.87 0.00	48.89 -4.28 0.00	48.05 -4.47 0.00	45.80 -3.55 0.00	50.33 -3.98 0.00	44.78 -2.79 0.00	40.58 -2.55 0.00	37.01 -1.83 0.00	40.56 -2.24 0.00
SYNERGY___BIOGAS 323694	27.78 -1.33 1.12	25.71 -1.62 4.23	26.90 -1.43 2.24	27.32 -1.38 0.00	31.24 -1.40 0.00	35.62 -1.50 0.00	35.28 -1.51 0.00	26.20 -1.39 3.50	31.96 -0.96 4.82	43.28 -1.38 1.92	52.90 -1.05 0.00	55.96 -0.45 0.00	53.24 -1.52 0.00	51.90 -1.70 0.00	52.59 -1.70 0.00	49.16 -1.17 0.00	51.80 -1.37 0.00	51.00 -1.52 0.00	48.51 -0.84 0.00	53.39 -0.93 0.00	47.28 -0.28 0.00	42.75 -0.39 0.00	38.79 -0.05 0.00	42.47 -0.34 0.00
SYRACUSE___ENERGY_ST1 323597	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	29.96 -0.28 0.00	31.26 -0.30 0.00	30.28 -0.28 0.00	28.41 -0.29 0.00	32.33 -0.32 0.00	36.81 -0.31 0.00	36.49 -0.29 0.00	30.91 -0.18 0.00	37.59 -0.15 0.00	46.33 -0.25 0.00	53.73 -0.22 0.00	56.30 -0.12 0.00	54.55 -0.21 0.00	53.35 -0.25 0.00	54.00 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.39 0.00	49.14 -0.21 0.00	54.10 -0.22 0.00	47.43 -0.14 0.00	42.96 -0.18 0.00	38.69 -0.15 0.00	42.65 -0.16 0.00
SYRACUSE___POWER 24017	29.96 -0.28 0.00	31.34 -0.31 -0.09	30.51 -0.31 -0.26	28.38 -0.31 0.00	32.30 -0.34 0.00	36.77 -0.34 0.00	36.48 -0.30 0.00	30.90 -0.19 0.00	37.57 -0.17 0.00	46.31 -0.27 0.00	53.71 -0.24 0.00	56.26 -0.16 0.00	54.53 -0.23 0.00	53.34 -0.26 0.00	53.99 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.38 0.00	49.15 -0.20 0.00	54.13 -0.18 0.00	47.45 -0.12 0.00	42.97 -0.17 0.00	38.71 -0.12 0.00	42.65 -0.15 0.00
TALLMAN___138KV_BK151 55660	31.11 0.88 0.00	32.56 1.00 0.00	31.40 0.84 0.00	29.48 0.78 0.00	33.50 0.86 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.90 0.00	38.59 0.85 0.00	47.56 0.98 0.00	54.74 0.79 0.00	56.91 0.49 0.00	55.63 0.87 0.00	54.61 1.01 0.00	55.52 1.23 0.00	51.51 1.17 0.00	54.46 1.29 0.00	53.80 1.28 0.00	50.50 1.15 0.00	55.68 1.36 0.00	48.53 0.96 0.00	43.95 0.81 0.00	39.51 0.67 0.00	43.53 0.73 0.00
TEALLAVE_115KV_TB7 355573	29.84 -0.40 0.00	31.13 -0.43 0.00	30.15 -0.41 0.00	28.29 -0.41 0.00	32.20 -0.44 0.00	36.64 -0.47 0.00	36.35 -0.44 0.00	30.78 -0.31 0.00	37.42 -0.32 0.00	46.12 -0.46 0.00	53.49 -0.46 0.00	56.05 -0.37 0.00	54.31 -0.45 0.00	53.12 -0.48 0.00	53.77 -0.52 0.00	49.83 -0.50 0.00	52.64 -0.53 0.00	51.89 -0.63 0.00	48.91 -0.44 0.00	53.86 -0.46 0.00	47.22 -0.35 0.00	42.76 -0.38 0.00	38.53 -0.31 0.00	42.47 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	26.78 -2.01 1.45	23.82 -2.35 5.40	25.75 -2.09 2.73	26.70 -2.00 0.00	30.54 -2.10 0.00	34.82 -2.30 0.00	34.42 -2.37 0.00	24.36 -2.21 4.52	29.57 -1.96 6.22	41.42 -2.67 2.48	51.52 -2.43 0.00	54.58 -1.83 0.00	51.91 -2.85 0.00	50.66 -2.93 0.00	51.26 -3.02 0.00	47.88 -2.45 0.00	50.44 -2.73 0.00	49.62 -2.90 0.00	47.22 -2.13 0.00	51.96 -2.36 0.00	46.11 -1.45 0.00	41.73 -1.40 0.00	37.96 -0.88 0.00	41.57 -1.23 0.00
TEMPLE___115KV_TB 2 55572	29.85 -0.39 0.00	31.14 -0.43 0.00	30.15 -0.41 0.00	28.29 -0.40 0.00	32.20 -0.44 0.00	36.65 -0.47 0.00	36.35 -0.44 0.00	30.78 -0.30 0.00	37.43 -0.31 0.00	46.13 -0.45 0.00	53.51 -0.44 0.00	56.07 -0.35 0.00	54.31 -0.45 0.00	53.12 -0.47 0.00	53.78 -0.51 0.00	49.84 -0.49 0.00	52.66 -0.51 0.00	51.90 -0.63 0.00	48.93 -0.42 0.00	53.87 -0.45 0.00	47.23 -0.33 0.00	42.78 -0.36 0.00	38.55 -0.29 0.00	42.48 -0.33 0.00
TIANA____69_KV_BK 1 55817	31.36 1.12 0.00	33.12 1.56 0.00	31.89 1.33 0.00	29.98 1.28 0.00	33.78 1.14 0.00	38.73 1.61 0.00	38.75 1.96 0.00	32.87 1.79 0.00	38.92 1.18 0.00	47.56 0.98 0.00	54.80 0.85 0.00	55.91 -0.51 0.00	54.33 -0.43 0.00	52.73 -0.86 0.00	54.17 -0.12 0.00	51.14 0.81 0.00	54.28 1.12 0.00	54.42 1.76 0.00	50.81 1.46 0.00	56.87 2.14 -0.42	49.05 1.48 0.00	44.72 1.58 0.00	39.70 0.85 0.00	44.27 1.46 0.00
TILDEN___115KV_TB1 80814	29.96 -0.28 0.00	31.34 -0.31 -0.09	30.51 -0.31 -0.26	28.38 -0.31 0.00	32.30 -0.34 0.00	36.77 -0.34 0.00	36.48 -0.30 0.00	30.90 -0.19 0.00	37.57 -0.17 0.00	46.31 -0.27 0.00	53.71 -0.24 0.00	56.26 -0.16 0.00	54.53 -0.23 0.00	53.34 -0.26 0.00	53.99 -0.29 0.00	50.05 -0.29 0.00	52.90 -0.27 0.00	52.14 -0.38 0.00	49.15 -0.20 0.00	54.13 -0.18 0.00	47.45 -0.12 0.00	42.97 -0.17 0.00	38.71 -0.12 0.00	42.65 -0.15 0.00

TRIGEN___CC 323695	31.69 1.44 -0.01	33.16 1.60 0.00	31.97 1.41 0.00	30.00 1.31 0.00	34.03 1.38 0.00	38.78 1.66 0.00	38.50 1.71 0.00	32.64 1.56 0.00	39.05 1.31 0.00	48.04 1.46 0.00	55.34 1.39 0.00	57.22 0.80 0.00	55.82 1.06 0.00	54.79 1.20 0.00	55.68 1.39 -0.01	52.10 1.75 -0.02	55.05 1.87 -0.01	56.56 1.84 -2.20	50.95 1.60 -0.01	59.82 1.94 -3.56	48.97 1.40 0.00	44.42 1.28 0.00	39.82 0.98 0.00	44.00 1.19 0.00
TRINITY___115KV___4 BK 55933	30.68 0.44 0.00	32.07 0.50 0.00	31.13 0.57 0.00	29.28 0.58 0.00	33.21 0.57 0.00	37.74 0.62 0.00	37.28 0.49 0.00	31.42 0.33 0.00	37.78 0.04 0.00	46.61 0.03 0.00	53.82 -0.13 0.00	56.15 -0.27 0.00	54.68 -0.08 0.00	53.58 -0.01 0.00	54.32 0.03 0.00	50.41 0.07 0.00	53.26 0.09 0.00	52.79 0.26 0.00	49.54 0.19 0.00	54.52 0.20 0.00	47.63 0.07 0.00	43.22 0.08 0.00	38.92 0.08 0.00	42.86 0.05 0.00
UNION___PROCESSING_DRP 323587	29.02 -1.22 0.00	29.96 -1.38 0.22	28.68 -1.27 0.61	27.45 -1.25 0.00	31.33 -1.31 0.00	35.70 -1.42 0.00	35.39 -1.40 0.00	29.88 -1.21 0.00	36.79 -0.96 0.00	45.19 -1.38 0.00	52.74 -1.21 0.00	55.61 -0.81 0.00	53.32 -1.44 0.00	52.09 -1.50 0.00	52.68 -1.60 0.00	49.06 -1.27 0.00	51.72 -1.45 0.00	50.92 -1.60 0.00	48.24 -1.11 0.00	53.13 -1.18 0.00	46.88 -0.68 0.00	42.41 -0.73 0.00	38.37 -0.47 0.00	42.11 -0.69 0.00
UPPER HUDSON___HYD 24058	31.85 1.61 0.00	33.24 1.68 0.00	32.26 1.70 0.00	30.27 1.58 0.00	34.44 1.80 0.00	39.02 1.90 0.00	38.66 1.87 0.00	32.73 1.65 0.00	39.59 1.85 0.00	48.93 2.35 0.00	56.53 2.58 0.00	59.11 2.69 0.00	57.48 2.72 0.00	56.32 2.72 0.00	57.11 2.83 0.00	52.98 2.64 0.00	56.07 2.89 0.00	55.78 3.26 0.00	52.43 3.08 0.00	57.67 3.36 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.86 2.02 0.00	44.98 2.17 0.00
UPPER RAQUET___HYD 24056	30.06 -0.18 0.00	31.29 -0.28 0.00	30.27 -0.30 0.00	28.42 -0.28 0.00	32.32 -0.32 0.00	36.77 -0.35 0.00	36.57 -0.22 0.00	30.77 -0.31 0.00	37.64 -0.10 0.00	46.74 0.16 0.00	54.33 0.38 0.00	56.87 0.45 0.00	55.03 0.27 0.00	53.70 0.10 0.00	54.40 0.12 0.00	50.46 0.12 0.00	53.27 0.10 0.00	52.71 0.19 0.00	49.51 0.16 0.00	54.45 0.14 0.00	47.79 0.22 0.00	43.33 0.19 0.00	38.97 0.13 0.00	42.89 0.09 0.00
VALLEY44_115KV_TB2 355964	28.23 -2.01 0.00	28.73 -2.36 0.47	27.13 -2.12 1.31	26.77 -1.93 0.00	30.59 -2.05 0.00	34.81 -2.30 0.00	34.58 -2.21 0.00	29.10 -1.99 0.00	35.72 -2.03 0.00	43.87 -2.71 0.00	51.34 -2.61 0.00	54.16 -2.26 0.00	52.17 -2.59 0.00	50.80 -2.79 0.00	51.19 -3.10 0.00	47.62 -2.71 0.00	50.39 -2.78 0.00	49.41 -3.12 0.00	47.15 -2.20 0.00	52.21 -2.10 0.00	46.04 -1.53 0.00	41.78 -1.35 0.00	37.88 -0.96 0.00	41.48 -1.32 0.00
VALLEY___115KV_TB 1-4 80826	30.08 -0.16 0.00	31.37 -0.19 0.00	30.43 -0.13 0.00	28.60 -0.10 0.00	32.63 -0.01 0.00	37.17 0.05 0.00	36.83 0.04 0.00	31.17 0.08 0.00	37.59 -0.15 0.00	46.35 -0.22 0.00	53.41 -0.54 0.00	55.99 -0.43 0.00	54.49 -0.27 0.00	53.41 -0.19 0.00	54.11 -0.18 0.00	50.19 -0.14 0.00	53.08 -0.09 0.00	52.55 0.03 0.00	49.39 0.03 0.00	54.29 -0.03 0.00	47.26 -0.31 0.00	42.63 -0.51 0.00	38.27 -0.58 0.00	42.08 -0.72 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.28 1.03 0.00	32.64 1.08 0.00	31.53 0.97 0.00	29.57 0.87 0.00	33.66 1.01 0.00	38.32 1.20 0.00	37.99 1.20 0.00	32.18 1.10 0.00	39.08 1.34 0.00	48.18 1.60 0.00	55.72 1.77 0.00	58.17 1.75 0.00	56.51 1.75 0.00	55.41 1.82 0.00	56.11 1.82 0.00	52.02 1.69 0.00	55.07 1.90 0.00	54.40 1.88 0.00	51.30 1.95 0.00	56.48 2.17 0.00	49.41 1.84 0.00	44.78 1.65 0.00	40.27 1.42 0.00	44.23 1.42 0.00
VISCHER___FERRY HYD 24020	31.00 0.76 0.00	32.44 0.87 0.00	31.50 0.94 0.00	29.61 0.91 0.00	33.66 1.02 0.00	38.19 1.08 0.00	37.76 0.97 0.00	31.91 0.82 0.00	38.43 0.69 0.00	47.43 0.85 0.00	54.79 0.84 0.00	57.20 0.78 0.00	55.67 0.91 0.00	54.50 0.90 0.00	55.26 0.97 0.00	51.24 0.91 0.00	54.14 0.97 0.00	53.75 1.23 0.00	50.44 1.09 0.00	55.49 1.17 0.00	48.50 0.93 0.00	43.99 0.85 0.00	39.54 0.70 0.00	43.58 0.77 0.00
V_A_10_SYNC_DSASP 323832	27.10 -2.04 1.11	25.17 -2.24 4.15	26.30 -2.08 2.18	26.68 -2.02 0.00	30.48 -2.16 0.00	34.72 -2.40 0.00	34.37 -2.41 0.00	25.50 -2.14 3.45	31.06 -1.94 4.74	41.99 -2.70 1.89	51.28 -2.67 0.00	54.25 -2.17 0.00	51.78 -2.98 0.00	50.53 -3.07 0.00	51.10 -3.19 0.00	47.63 -2.71 0.00	50.17 -3.01 0.00	49.33 -3.19 0.00	46.90 -2.45 0.00	51.64 -2.67 0.00	45.73 -1.84 0.00	41.41 -1.73 0.00	37.63 -1.21 0.00	41.28 -1.52 0.00
V_CMM_10_SYNC_DSASP 323787	30.50 0.26 0.00	31.75 0.19 0.00	30.73 0.17 0.00	28.86 0.15 0.00	32.81 0.17 0.00	37.29 0.18 0.00	37.05 0.26 0.00	31.16 0.08 0.00	38.08 0.34 0.00	47.16 0.58 0.00	54.86 0.91 0.00	57.46 1.04 0.00	55.61 0.85 0.00	54.34 0.74 0.00	55.02 0.73 0.00	51.03 0.69 0.00	53.85 0.68 0.00	53.23 0.71 0.00	49.93 0.58 0.00	54.89 0.57 0.00	48.17 0.61 0.00	43.75 0.61 0.00	39.42 0.57 0.00	43.42 0.62 0.00
V_CMP_10_SYNC_DSASP 323788	30.69 0.45 0.00	31.90 0.33 0.00	30.68 0.11 0.00	28.68 -0.01 0.00	32.63 -0.01 0.00	37.02 -0.10 0.00	36.88 0.09 0.00	30.98 -0.10 0.00	37.95 0.21 0.00	47.08 0.50 0.00	55.15 1.20 0.00	57.89 1.46 0.00	56.45 1.69 0.00	55.15 1.56 0.00	55.76 1.47 0.00	51.67 1.34 0.00	54.59 1.42 0.00	54.28 1.75 0.00	51.01 1.66 0.00	56.08 1.77 0.00	49.10 1.54 0.00	44.35 1.22 0.00	39.72 0.88 0.00	43.64 0.84 0.00
V_D_10_SYNC_DSASP 323841	30.58 0.34 0.00	31.83 0.27 0.00	30.81 0.24 0.00	28.94 0.24 0.00	32.89 0.24 0.00	37.39 0.28 0.00	37.16 0.37 0.00	31.25 0.17 0.00	38.21 0.47 0.00	47.35 0.78 0.00	55.06 1.11 0.00	57.65 1.23 0.00	55.78 1.02 0.00	54.50 0.90 0.00	55.19 0.90 0.00	51.19 0.85 0.00	54.01 0.84 0.00	53.40 0.87 0.00	50.11 0.76 0.00	55.11 0.79 0.00	48.36 0.80 0.00	43.91 0.77 0.00	39.56 0.72 0.00	43.57 0.77 0.00
V_E_10_SYNC_DSASP 323830	30.99 0.37 -0.38	33.87 0.40 -1.91	32.72 0.07 -2.08	28.21 -0.49 0.00	32.24 -0.41 0.00	37.38 0.27 0.00	37.74 0.95 0.00	33.31 1.03 -1.19	40.98 1.61 -1.64	49.41 2.18 -0.65	56.56 2.61 0.00	58.96 2.54 0.00	57.02 2.26 0.00	56.19 2.59 0.00	56.97 2.68 0.00	53.21 2.87 0.00	56.62 3.45 0.00	56.11 3.59 0.00	53.28 3.93 0.00	58.67 4.35 0.00	51.23 3.66 0.00	46.32 3.18 0.00	41.43 2.58 0.00	44.97 2.16 0.00
V_F_30_NSYNC___DSASP 323816	31.49 1.25 0.00	32.92 1.36 0.00	31.94 1.38 0.00	30.02 1.32 0.00	34.14 1.49 0.00	38.74 1.63 0.00	38.37 1.58 0.00	32.45 1.36 0.00	39.20 1.46 0.00	48.40 1.82 0.00	55.93 1.98 0.00	58.44 2.02 0.00	56.83 2.07 0.00	55.66 2.07 0.00	56.41 2.12 0.00	52.31 1.98 0.00	55.31 2.14 0.00	54.86 2.34 0.00	51.57 2.22 0.00	56.74 2.42 0.00	49.57 2.00 0.00	44.92 1.77 0.00	40.34 1.50 0.00	44.42 1.61 0.00

V_F_30_SYNC_DSASP 323786	30.79 0.55 0.00	32.17 0.61 0.00	31.22 0.66 0.00	29.37 0.68 0.00	33.31 0.67 0.00	37.86 0.74 0.00	37.41 0.63 0.00	31.54 0.45 0.00	37.95 0.21 0.00	46.82 0.24 0.00	54.05 0.10 0.00	56.44 0.02 0.00	54.97 0.20 0.00	53.86 0.26 0.00	54.60 0.31 0.00	50.66 0.33 0.00	53.52 0.35 0.00	53.04 0.52 0.00	49.78 0.44 0.00	54.80 0.48 0.00	47.88 0.31 0.00	43.42 0.28 0.00	39.08 0.24 0.00	43.04 0.23 0.00
V_XM_10_SYNC_DSASP 323789	30.69 0.45 0.00	31.90 0.33 0.00	30.68 0.11 0.00	28.68 -0.01 0.00	32.63 -0.01 0.00	37.02 -0.10 0.00	36.88 0.09 0.00	30.98 -0.10 0.00	37.95 0.21 0.00	47.08 0.50 0.00	55.15 1.20 0.00	57.89 1.46 0.00	56.45 1.69 0.00	55.15 1.56 0.00	55.76 1.47 0.00	51.67 1.34 0.00	54.59 1.42 0.00	54.28 1.75 0.00	51.01 1.66 0.00	56.08 1.77 0.00	49.10 1.54 0.00	44.35 1.22 0.00	39.72 0.88 0.00	43.64 0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.24 1.00 0.00	32.68 1.12 0.00	31.53 0.97 0.00	29.59 0.90 0.00	33.65 1.01 0.00	38.48 1.36 0.00	38.12 1.33 0.00	32.28 1.19 0.00	38.95 1.21 0.00	48.00 1.42 0.00	55.25 1.30 0.00	57.47 1.05 0.00	56.17 1.41 0.00	55.17 1.58 0.00	56.07 1.79 0.00	52.00 1.67 0.00	54.71 1.54 0.00	54.04 1.52 0.00	50.73 1.38 0.00	55.94 1.63 0.00	48.76 1.19 0.00	44.15 1.01 0.00	39.69 0.85 0.00	43.71 0.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.50 1.26 0.00	32.96 1.40 0.00	31.79 1.23 0.00	29.84 1.14 0.00	33.89 1.25 0.00	38.58 1.47 0.00	38.23 1.44 0.00	32.38 1.30 0.00	39.05 1.31 0.00	48.18 1.60 0.00	55.42 1.47 0.00	57.53 1.11 0.00	56.18 1.42 0.00	55.13 1.54 0.00	56.10 1.81 0.00	52.06 1.73 0.00	55.07 1.90 0.00	54.35 1.83 0.00	51.05 1.70 0.00	56.32 2.01 0.00	49.03 1.46 0.00	44.45 1.31 0.00	39.92 1.08 0.00	43.97 1.16 0.00
W50THST__13_KV_LOAD 356117	31.68 1.44 0.00	33.13 1.57 0.00	31.94 1.38 0.00	29.98 1.28 0.00	34.06 1.41 0.00	38.77 1.65 0.00	38.41 1.62 0.00	32.55 1.46 0.00	39.27 1.53 0.00	48.46 1.88 0.00	55.74 1.79 0.00	57.88 1.46 0.00	56.53 1.76 0.00	55.48 1.88 0.00	56.44 2.15 0.00	52.37 2.04 0.00	55.39 2.23 0.00	54.68 2.15 0.00	51.36 2.01 0.00	56.66 2.35 0.00	49.32 1.75 0.00	44.72 1.58 0.00	40.16 1.33 0.00	44.22 1.42 0.00
WADING RIVER_IC_1 23522	31.24 1.00 0.00	32.96 1.40 0.00	31.75 1.19 0.00	29.85 1.15 0.00	33.69 1.05 0.00	38.68 1.56 0.00	38.74 1.95 0.00	32.86 1.78 0.00	38.84 1.10 0.00	47.35 0.77 0.00	54.45 0.50 0.00	55.45 -0.97 0.00	54.05 -0.71 0.00	52.68 -0.92 0.00	54.00 -0.28 0.00	51.01 0.68 0.00	54.11 0.94 0.00	54.22 1.55 -0.15	50.41 1.06 0.00	56.48 1.75 -0.41	48.72 1.15 0.00	44.36 1.22 0.00	39.34 0.50 0.00	43.87 1.06 0.00
WADING RIVER_IC_2 23547	31.24 1.00 0.00	32.96 1.40 0.00	31.75 1.19 0.00	29.85 1.15 0.00	33.69 1.05 0.00	38.68 1.56 0.00	38.74 1.95 0.00	32.86 1.78 0.00	38.84 1.10 0.00	47.35 0.77 0.00	54.45 0.50 0.00	55.45 -0.97 0.00	54.05 -0.71 0.00	52.68 -0.92 0.00	54.00 -0.28 0.00	51.01 0.68 0.00	54.11 0.94 0.00	54.22 1.55 -0.15	50.41 1.06 0.00	56.48 1.75 -0.41	48.72 1.15 0.00	44.36 1.22 0.00	39.34 0.50 0.00	43.87 1.06 0.00
WADING RIVER_IC_3 23601	31.24 1.00 0.00	32.96 1.40 0.00	31.75 1.19 0.00	29.85 1.15 0.00	33.69 1.05 0.00	38.68 1.56 0.00	38.74 1.95 0.00	32.86 1.78 0.00	38.84 1.10 0.00	47.35 0.77 0.00	54.45 0.50 0.00	55.45 -0.97 0.00	54.05 -0.71 0.00	52.68 -0.92 0.00	54.00 -0.28 0.00	51.01 0.68 0.00	54.11 0.94 0.00	54.22 1.55 -0.15	50.41 1.06 0.00	56.48 1.75 -0.41	48.72 1.15 0.00	44.36 1.22 0.00	39.34 0.50 0.00	43.87 1.06 0.00
WALDENNY_12_KV_BK2 80841	26.91 -2.07 1.26	24.36 -2.43 4.78	25.75 -2.19 2.62	26.63 -2.07 0.00	30.45 -2.19 0.00	34.70 -2.41 0.00	34.40 -2.39 0.00	24.91 -2.26 3.92	30.32 -2.03 5.39	41.70 -2.72 2.15	51.54 -2.41 0.00	54.68 -1.74 0.00	52.02 -2.75 0.00	50.72 -2.88 0.00	51.29 -2.99 0.00	47.89 -2.44 0.00	50.45 -2.72 0.00	49.59 -2.93 0.00	47.27 -2.09 0.00	52.04 -2.27 0.00	46.20 -1.37 0.00	41.80 -1.34 0.00	38.03 -0.82 0.00	41.65 -1.16 0.00
WALDEN__HYDRO 24148	31.20 0.96 0.00	32.64 1.08 0.00	31.51 0.95 0.00	29.58 0.88 0.00	33.61 0.97 0.00	38.26 1.15 0.00	37.89 1.10 0.00	32.09 1.00 0.00	38.67 0.93 0.00	47.63 1.05 0.00	54.81 0.86 0.00	57.02 0.60 0.00	55.67 0.91 0.00	54.66 1.07 0.00	55.59 1.30 0.00	51.53 1.20 0.00	54.56 1.39 0.00	53.98 1.46 0.00	50.74 1.39 0.00	55.94 1.63 0.00	48.79 1.22 0.00	44.19 1.05 0.00	39.70 0.86 0.00	43.72 0.92 0.00
WARRENSBURG____ 23737	31.85 1.61 0.00	33.25 1.69 0.00	32.26 1.71 0.00	30.27 1.57 0.00	34.44 1.80 0.00	39.02 1.90 0.00	38.66 1.87 0.00	32.74 1.65 0.00	39.59 1.85 0.00	48.93 2.35 0.00	56.53 2.58 0.00	59.11 2.69 0.00	57.48 2.72 0.00	56.32 2.72 0.00	57.11 2.82 0.00	52.98 2.64 0.00	56.07 2.90 0.00	55.78 3.26 0.00	52.43 3.08 0.00	57.67 3.36 0.00	50.38 2.81 0.00	45.56 2.42 0.00	40.86 2.02 0.00	44.98 2.17 0.00
WATERSIDE____6 8 9 23538	27.64 1.33 3.93	29.50 1.46 3.52	28.10 1.28 3.74	25.84 1.18 4.04	30.73 1.29 3.20	36.36 1.53 2.28	35.93 1.50 2.35	28.93 1.34 3.50	36.86 1.38 2.27	47.80 1.67 0.45	55.47 1.52 0.00	57.59 1.17 0.00	52.66 1.51 3.61	54.78 1.63 0.44	55.72 1.86 0.43	52.12 1.79 0.00	51.14 1.98 4.01	54.46 1.94 0.00	54.55 1.80 -3.39	58.12 2.10 -1.71	55.47 1.57 -6.34	43.10 1.39 1.43	38.67 1.16 1.33	43.50 1.21 0.52
WATKINRD_115KV_LN8_ILLION 55919	30.21 -0.03 0.00	31.53 -0.03 0.00	30.57 0.02 0.00	28.73 0.03 0.00	32.72 0.08 0.00	37.24 0.13 0.00	36.88 0.09 0.00	31.21 0.12 0.00	37.69 -0.06 0.00	46.49 -0.09 0.00	53.63 -0.32 0.00	56.16 -0.26 0.00	54.63 -0.13 0.00	53.53 -0.07 0.00	54.22 -0.07 0.00	50.29 -0.04 0.00	53.17 0.00 0.00	52.62 0.09 0.00	49.44 0.09 0.00	54.39 0.07 0.00	47.43 -0.13 0.00	42.90 -0.25 0.00	38.56 -0.28 0.00	42.43 -0.38 0.00
WATSON____69_KV_BK 1 55734	32.00 1.76 0.00	33.52 1.96 0.00	32.30 1.74 0.00	30.33 1.64 0.00	34.31 1.67 0.00	39.21 2.10 0.00	39.08 2.29 0.00	33.13 2.05 0.00	39.43 1.69 0.00	48.29 1.71 0.00	55.60 1.65 0.00	57.02 0.60 0.00	55.58 0.82 0.00	54.39 0.80 0.00	55.60 1.31 0.00	52.44 2.11 0.00	55.50 2.33 0.00	55.37 2.55 -0.29	51.54 2.19 0.00	57.66 2.71 -0.64	49.58 2.02 0.00	45.07 1.92 0.00	40.24 1.40 0.00	44.57 1.76 0.00
WDELAWARE__HYD 323627	31.29 1.05 0.00	32.71 1.15 0.00	31.57 1.01 0.00	29.64 0.94 0.00	33.70 1.06 0.00	38.38 1.26 0.00	38.02 1.23 0.00	32.21 1.12 0.00	38.84 1.10 0.00	47.86 1.28 0.00	54.89 0.94 0.00	57.12 0.70 0.00	55.80 1.04 0.00	54.86 1.27 0.00	55.81 1.53 0.00	51.73 1.40 0.00	54.79 1.62 0.00	54.21 1.68 0.00	51.04 1.69 0.00	56.29 1.97 0.00	49.08 1.52 0.00	44.46 1.32 0.00	39.93 1.09 0.00	43.94 1.14 0.00

WEST BABYLON___IC 23714	32.03 1.79 0.00	33.53 1.97 0.00	32.30 1.74 0.00	30.32 1.62 0.00	34.33 1.69 0.00	39.20 2.09 0.00	39.02 2.23 0.00	33.09 2.00 0.00	39.44 1.70 0.00	48.36 1.78 0.00	55.71 1.77 0.00	57.25 0.84 0.00	55.82 1.06 0.00	54.68 1.08 0.00	55.80 1.51 0.00	52.57 2.24 0.00	55.59 2.41 0.00	55.66 2.55 -0.59	51.54 2.19 0.00	58.07 2.65 -1.10	49.55 1.98 0.00	45.03 1.89 0.00	40.28 1.43 0.00	44.58 1.77 0.00
WEST CANADA___HYD 24049	30.27 0.03 0.00	31.61 0.04 0.00	30.61 0.05 0.00	28.76 0.06 0.00	32.71 0.07 0.00	37.20 0.08 0.00	36.87 0.08 0.00	31.18 0.09 0.00	37.75 0.01 0.00	46.59 0.01 0.00	53.91 -0.04 0.00	56.34 -0.07 0.00	54.74 -0.02 0.00	53.60 0.00 0.00	54.30 0.01 0.00	50.33 0.00 0.00	53.19 0.01 0.00	52.57 0.05 0.00	49.40 0.05 0.00	54.37 0.05 0.00	47.56 -0.01 0.00	43.11 -0.04 0.00	38.80 -0.05 0.00	42.74 -0.07 0.00
WESTERN_NY_WIND 24143	27.65 -1.39 1.20	25.36 -1.69 4.52	26.71 -1.49 2.36	27.27 -1.43 0.00	31.18 -1.46 0.00	35.57 -1.55 0.00	35.22 -1.57 0.00	25.87 -1.46 3.75	31.52 -1.05 5.17	43.01 -1.51 2.06	52.81 -1.14 0.00	55.86 -0.56 0.00	53.14 -1.62 0.00	51.82 -1.78 0.00	52.50 -1.79 0.00	49.08 -1.25 0.00	51.70 -1.47 0.00	50.91 -1.61 0.00	48.43 -0.92 0.00	53.29 -1.03 0.00	47.23 -0.34 0.00	42.69 -0.45 0.00	38.74 -0.10 0.00	42.41 -0.39 0.00
WESTOVER___LESR 323668	29.70 -0.55 0.00	30.72 -0.64 0.20	29.38 -0.62 0.56	28.08 -0.62 0.00	31.97 -0.67 0.00	36.39 -0.72 0.00	36.13 -0.65 0.00	30.61 -0.48 0.00	37.17 -0.57 0.00	45.81 -0.76 0.00	53.16 -0.79 0.00	55.73 -0.69 0.00	54.03 -0.73 0.00	52.84 -0.76 0.00	53.41 -0.87 0.00	49.55 -0.78 0.00	52.52 -0.66 0.00	51.77 -0.75 0.00	48.90 -0.45 0.00	53.96 -0.35 0.00	47.31 -0.26 0.00	42.87 -0.27 0.00	38.63 -0.21 0.00	42.45 -0.36 0.00
WETHRSFD_WT_PWR 323626	15.82 -3.20 11.22	-12.00 -3.57 39.99	10.87 -3.53 16.16	25.39 -3.30 0.01	29.01 -3.63 0.00	33.41 -3.71 0.00	33.01 -3.78 0.00	-7.18 -3.31 34.96	-14.17 -3.76 48.15	22.63 -4.74 19.21	49.62 -4.33 0.00	52.87 -3.55 0.00	50.52 -4.24 0.00	49.88 -3.72 0.00	50.50 -3.79 0.00	46.73 -3.61 0.00	49.53 -3.64 0.00	49.06 -3.47 0.00	46.72 -2.63 0.00	51.62 -2.70 0.00	45.76 -1.81 0.00	41.45 -1.69 0.00	37.69 -1.15 0.00	41.23 -1.58 0.00
WHAVSTOR_138KV_BK127 55557	31.11 0.88 0.00	32.56 1.00 0.00	31.42 0.86 0.00	29.49 0.79 0.00	33.51 0.87 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.91 0.00	38.58 0.84 0.00	47.55 0.97 0.00	54.73 0.78 0.00	56.89 0.47 0.00	55.59 0.83 0.00	54.55 0.96 0.00	55.48 1.19 0.00	51.47 1.14 0.00	54.45 1.28 0.00	53.78 1.26 0.00	50.50 1.15 0.00	55.68 1.36 0.00	48.52 0.95 0.00	43.95 0.81 0.00	39.51 0.67 0.00	43.53 0.73 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.11 0.88 0.00	32.56 1.00 0.00	31.42 0.86 0.00	29.49 0.79 0.00	33.51 0.87 0.00	38.17 1.05 0.00	37.78 0.99 0.00	31.99 0.91 0.00	38.58 0.84 0.00	47.55 0.97 0.00	54.73 0.78 0.00	56.89 0.47 0.00	55.59 0.83 0.00	54.55 0.96 0.00	55.48 1.19 0.00	51.47 1.14 0.00	54.45 1.28 0.00	53.78 1.26 0.00	50.50 1.15 0.00	55.68 1.36 0.00	48.52 0.95 0.00	43.95 0.81 0.00	39.51 0.67 0.00	43.53 0.73 0.00
WHITEHAL_115KV_TB1 80871	32.64 2.40 0.00	33.95 2.39 0.00	32.98 2.42 0.00	31.05 2.35 0.00	35.29 2.65 0.00	39.53 2.42 0.00	39.23 2.44 0.00	33.23 2.14 0.00	40.10 2.36 0.00	49.57 2.99 0.00	57.20 3.25 0.00	59.78 3.36 0.00	58.33 3.57 0.00	56.92 3.32 0.00	57.74 3.45 0.00	53.57 3.23 0.00	56.84 3.67 0.00	57.21 4.69 0.00	53.84 4.49 0.00	59.12 4.81 0.00	51.61 4.05 0.00	46.51 3.37 0.00	41.53 2.69 0.00	45.94 3.13 0.00
WHITEPLN_13_KV_LOAD 356215	31.57 1.33 0.00	33.03 1.47 0.00	31.87 1.31 0.00	29.92 1.22 0.00	33.99 1.35 0.00	38.69 1.58 0.00	38.34 1.55 0.00	32.46 1.37 0.00	39.14 1.39 0.00	48.25 1.67 0.00	55.51 1.57 0.00	57.68 1.26 0.00	56.31 1.55 0.00	55.27 1.67 0.00	56.26 1.98 0.00	52.23 1.90 0.00	55.29 2.12 0.00	54.63 2.11 0.00	51.34 1.99 0.00	56.59 2.27 0.00	49.31 1.75 0.00	44.68 1.54 0.00	40.12 1.28 0.00	44.17 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	31.50 1.26 0.00	33.12 1.56 0.00	31.92 1.36 0.00	30.01 1.32 0.00	33.88 1.24 0.00	38.83 1.71 0.00	38.80 2.01 0.00	32.91 1.82 0.00	38.99 1.25 0.00	47.60 1.02 0.00	54.71 0.76 0.00	55.85 -0.57 0.00	54.52 -0.24 0.00	53.12 -0.47 0.00	54.47 0.18 0.00	51.43 1.10 0.00	54.52 1.35 0.00	54.52 1.84 -0.16	50.81 1.46 0.00	56.79 2.04 -0.43	48.97 1.40 0.00	44.58 1.44 0.00	39.66 0.82 0.00	44.09 1.28 0.00
WOODARD___115KV_TB2 355635	29.84 -0.41 0.00	31.12 -0.44 0.00	30.14 -0.42 0.00	28.28 -0.41 0.00	32.20 -0.44 0.00	36.63 -0.48 0.00	36.33 -0.46 0.00	30.76 -0.33 0.00	37.41 -0.33 0.00	46.08 -0.49 0.00	53.46 -0.49 0.00	56.01 -0.41 0.00	54.27 -0.49 0.00	53.07 -0.53 0.00	53.73 -0.56 0.00	49.78 -0.55 0.00	52.60 -0.57 0.00	51.85 -0.68 0.00	48.85 -0.50 0.00	53.80 -0.52 0.00	47.16 -0.41 0.00	42.71 -0.43 0.00	38.49 -0.35 0.00	42.43 -0.38 0.00
YORK___WARBASSE 23770	51.39 1.54 -19.61	50.85 1.68 -17.61	50.72 1.46 -18.70	50.24 1.34 -20.20	50.07 1.47 -15.95	50.27 1.73 -11.42	50.28 1.70 -11.79	50.12 1.52 -17.51	50.68 1.62 -11.33	50.80 1.98 -2.24	55.74 1.79 0.00	57.90 1.47 0.00	74.63 1.87 -18.00	57.77 1.97 -2.20	58.64 2.22 -2.14	52.45 2.11 -0.01	75.47 2.32 -19.99	54.79 2.26 -0.01	59.00 2.11 -7.54	58.87 2.44 -2.12	57.81 1.87 -8.38	52.28 1.68 -7.45	46.91 1.44 -6.63	46.90 1.51 -2.59